

AN INVENTORY OF DATA ON PCB AND MIREX LEVELS IN ONTARIO FISH

Addendum 1-79

Report#: Pest 7901

Project#: GC 7901

August 1979



Ontario

Ministry
of the
Environment

The Honourable
Harry C. Parrott, D.D.S.,
Minister

Graham W. S. Scott, Q.C.,
Deputy Minister

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AN INVENTORY OF DATA ON

PCB AND MIREX LEVELS IN

ONTARIO FISH

Addendum 1-79

Report #: Pest 7901

Project #: GC 7901

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G. Crawford

R. Brunato

AUGUST 1979

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SUMMARY:

This report is an inventory of the PCB/Mirex Data currently available at the Ministry of the Environment Laboratory Services Branch. It includes statistical summaries of 5355 fish from 203 locations in Ontario. The data is presented alphabetically for each Ministry region.

This is the first of a series of yearly supplements to the original Inventory (Report Pest7801 March 1978) and represents the data obtained from analysis performed between June 1978 and July 1979.

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INTRODUCTION

PCB's

Polychlorinated Biphenyls (PCB) are a manufactured product for use in electrical transformers and capacitors. Prior to 1975, however, their use was not restricted to this area and they were found in a wide range of applications including incorporation into: paints, varnishes, plastics, hydraulic fluids, etc. This wide spread use of PCB and their inherent biological and chemical stability, has led to world-wide contamination of waterways, fishes and water fowl. Even remote non-industrialized areas such as Northern Ontario carry a certain degree of PCB contamination due to airborne transfer and use of waste PCB oils for dirt road spraying (for dust control).

Mirex

Mirex is another manufactured product which has two main uses. One was the control of fire-ants in the eastern U.S., the other as a fire retardant in many finished products. In this application it has the name Dechlorane 510.

Due to the manufacture and grinding of Mirex by U.S. companies located adjacent to the Niagara River, Mirex (Dechlorane 510) has been found only in Lake Ontario and the St. Lawrence River to this date.

Due to the widespread contamination of PCB and the localized contamination of Mirex the Ministry of the Environment in conjunction with the MNR initiated a continuing programme to analyze fish from many different lakes in Ontario as well as the Great Lakes, to check levels of these and other persistent organic contaminants in edible portions of fish.

This report is an inventory of PCB/Mirex data on hand at the Laboratory Services Branch. It does not include all data on PCB/Mirex levels, but does contain the data suitably available at this time.

Mirex data is not presented for collections prior to mid 1975, when it was first detected in Ontario by CCIW at Burlington.

Excluded from this report are summaries of fish collections for which no length or weight data were available or which were too small to be statistically significant.

The analysis of PCB/Mirex in Ontario is an ongoing programme and this represents the first yearly update of the original inventory (Report # Pest. 7801).

DATA PRESENTATION

The summaries for inland waters have been organized according to Ministry of the Environment regions (see Fig 1). Within each region, the lakes are listed alphabetically. Data on each of the Great Lakes has been broken down according to statistical districts defined by the Ministry of Natural Resources.

Lake names and latitude/longitude are according to the Gazetteer of Canada, where appropriate, and those water bodies not listed in the Gazetteer have names and locations according to information given by field personnel responsible for the fish collections. PCB/Mirex data is presented by species (see Table 1). For each species, the number of specimens comprising the sample (N) is recorded along with the arithmetic mean and ranges of the PCB and Mirex concentration (ppb or ng/g), length (cm), weight (g), as well as the percentages of PCB or Mirex concentrations in the sample exceeding the guideline for unrestricted consumption.

For species with five or more representatives a regression analysis has been performed. The model used is one with both parameters (PCB or Mirex and length) transformed by natural logarithms. The product moment correlation coefficient is tested ($H_0: r=0$) and if it is found to be different from zero ($p < 0.05$), an "AB" breakdown is performed.

This breakdown is an indication of PCB or Mirex concentration ranges to be found in length ranges included in the samples. The "AB" is assigned by solving the regression equation at the upper limit of the length range. The letters are assigned to length ranges found in the samples extended at both ends by 10%.

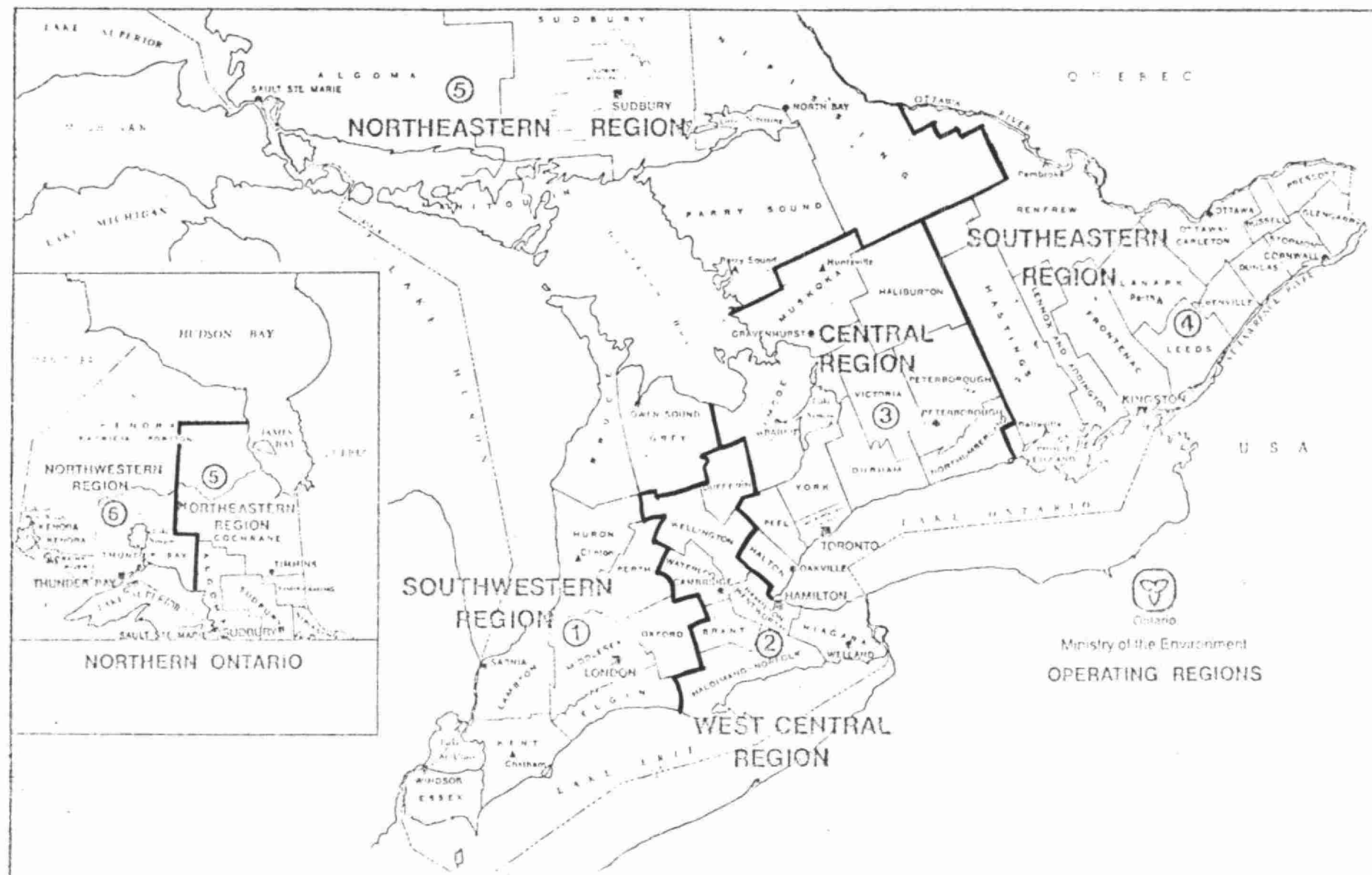
Note: All smelt samples are 10 fish composites.

TABLE 1
SPECIES LIST

| <u>DESIGNATION IN SUMMARIES</u> | <u>COMMON NAMES</u> | <u>PROPER NAMES</u> |
|-------------------------------------|----------------------------------|---------------------------------|
| ALEWIFE | | <i>Alosa pseudoharengus</i> |
| B. BULLHEAD | Brown bullhead | <i>Ictalurus nebulosus</i> |
| B. CRAPPIE | Black crappie | <i>Pomoxis nigromaculatus</i> |
| BLUEGILL | | <i>Lepomis machrochirus</i> |
| BOWFIN | Dogfish, lawyer | <i>Amia calva</i> |
| BROOK S. | Brook silversides | <i>Labidesthes sicculus</i> |
| B. SHINER | Black shiner | <i>Notropis heterodon</i> |
| B. TROUT | Brown trout | <i>Salmo trutta</i> |
| BURBOT | Ellpout, lawyer, ling, maria | <i>Lota lota</i> |
| CARP | | <i>Cyprinus carpio</i> |
| C. CATFISH | Channel catfish | <i>Ictalurus punctatus</i> |
| CHINOOK | Chinook salmon | <i>Oncorhynchus tshawytscha</i> |
| CISCO | Cisco, lake herring, tullibee | <i>Coregonus artedii</i> |
| COHO | Choho salmon | <i>Oncorhynchus kitusch</i> |
| E. SHINER | Emerald shiner | <i>Notropis atherinoides</i> |
| EEL | American eel | <i>Anquilla rostrata</i> |
| F.W. DRUM | Freshwater drum, sheepshead | <i>Aplodinotus grunniens</i> |
| G. SHAD | Gizzard shad | <i>Dorosoma cepedianum</i> |
| GAR PIKE | Longnose gar | <i>Lepistoseus osseus</i> |
| GOLDEYE | | <i>Hiodon alosoides</i> |
| L. N. SUCKER | Longnose sucker | <i>Catostomus catostomus</i> |
| LOGPERCH | Logperch darter | <i>Pereina caprodes</i> |
| L.M. BASS | Largemouth bass | <i>Micropterus salmoides</i> |

| <u>DESIGNATION IN SUMMARIES</u> | <u>COMMON NAMES</u> | <u>PROPER NAMES</u> |
|-------------------------------------|--|---------------------------------|
| L. TROUT | Lake trout | <i>Salvelinus namaycush</i> |
| MENOMINEE | Round whitefish, round fish | <i>Prosopium cylindraceum</i> |
| MOONEYE | | <i>Hiodon tergisus</i> |
| MUSKIE | Maskinonge, lunge | <i>Esox masquinongy</i> |
| PIKE | muskellunge Northern pike | <i>Esox lucius</i> |
| P'SEED | Pumpkinseed, sunfish | <i>Lepomis gibbosus</i> |
| Q.C. SUCKER | Quillback carpsucker Quillback sucker | <i>Carpiocles cyprinus</i> |
| RAINBOW | Rainbow trout, steel- head | <i>Salmo gairdneri</i> |
| R.H. SUCKER | Redhorse sucker | <i>Moxostoma macrolepidotum</i> |
| R. BASS | Rock bass | <i>Ambloplites rupestris</i> |
| SAUGER | | <i>Stizostideon canadense</i> |
| SISCOWET | "Fat" lake trout | <i>Salvelinus namaycush</i> |
| S.M. BASS | Smallmouth bass | <i>Micropterus dolomieu</i> |
| SMELT | Rainbow smelt, American smelt | <i>Osmerus mordax</i> |
| S. TROUT | Speckled trout, brook trout | <i>Salvelinus fontinalis</i> |
| T. PERCH | Troutperch | |
| WALLEYE | Pickerel, yellow pickerel dore | <i>Stizostideon vitreum</i> |
| W. BASS | White bass | <i>Morone chrysops</i> |
| W. CRAPPIE | White crappie | <i>Pomoxis annularis</i> |
| WHITEFISH | | <i>Coregonus clupeaformis</i> |
| W. PERCH | White perch | <i>Morone americanus</i> |
| W. SUCKER | White sucker | <i>Catostomus commersoni</i> |
| Y. BULLHEAD | Yellow bullhead | <i>Ictalurus natalis</i> |
| Y. PERCH | Yellow perch | <i>Perca flavescens</i> |

Fig 1



SOUTHWESTERN REGION

| <u>Location</u> | <u>Township</u> | <u>County</u> | <u>Year Collected</u> |
|-----------------|-----------------|---------------|-----------------------|
| Ausable R. | Bosanquet | Lambton | 1978 |
| Beaver R. | Euphrasia | Grey | 1978 |
| Maitland R. | Turnberry | Huron | 1978 |
| Saugeen R. | Arran | Bruce | 1978 |
| Sydenham R. | Sullivan | Grey | 1978 |
| | Camden | Kent | 1978 |

WEST CENTRAL REGION

| <u>Location</u> | <u>Township</u> | <u>County</u> | <u>Year Collected</u> |
|-----------------|-----------------|------------------|-----------------------|
| Cootes Paradise | W. Flamborough | Ham./Went. R.M. | 1978 |
| Gibson Lake | Thorold | Niagara R.M. | 1978 |
| Grand R. | Dunn/Sherbrooke | Hald./Norf. R.M. | 1977 |
| Martindale L. | -- | Niagara R.M. | 1978 |
| Niagara R. | -- | Niagara R.M. | 1978 |
| Puslinch L. | Puslinch | Wellington | 1977 |
| Speed R. | Preston | Waterloo R.M. | 1978 |
| Valens L. | Flamborough | Ham./Went. R.M. | 1977 |
| Welland R. | Welland Port | Niagara R.M. | 1978 |

CENTRAL REGION

| <u>Location</u> | <u>Township</u> | <u>County</u> | <u>Year Collected</u> |
|-----------------|------------------|---------------|-----------------------|
| Arrowhead L. | Chaffey | Muskoka D.M. | 1978 |
| Balsam L. | Fenelon | Victoria | 1977 |
| Bella L. | Sinclair | Muskoka | 1977 |
| Buckhorn L. | Smith/Harvey | Peterborough | 1978 |
| Cameron L. | Fenelon | Victoria | 1978 |
| Camp L. | Finlayson | Muskoka D.M. | 1978 |
| Canal L. | Carden/Eldon | Victoria | 1978 |
| Chandos L. | Chandos | Peterborough | 1977 |
| Chemung L. | Ennismere/Smith | Peterborough | 1978 |
| L. Couchiching | Orillia | Simcoe | 1978 |
| Credit R. | Toronto | Peel R.M. | 1977/78 |
| Fox L. | Stisted | Muskoka D.M. | 1978 |
| Gloucester Pool | Baxter | Muskoka D.M. | 1977 |
| Gull L. | Lutterworth | Haliburton | 1978 |
| Head L. | Laxton/Digby | Victoria | 1978 |
| Jack L. | Burleigh/Methwan | Peterborough | 1978 |
| L. Joseph | Medora | Muskoka D.M. | 1977 |
| Kashe L. | Morrison | Muskoka D.M. | 1978 |
| Kashawigamog L. | Minden | Haliburton | 1978 |
| Kashabog | Methwan | Peterborough | 1978 |
| Little Hawk L. | Stanhope | Haliburton | 1978 |
| L. Muskoka | Muskoka | Muskoka D.M. | 1978 |
| Nottawasaga R. | Sunnidal | Simcoe | 1977 |
| Oxtangue L. | McClintock | Haliburton | 1978 |
| Paudash L. | Cardiff | Haliburton | 1978 |
| Penninsula L. | Chaffey | Muskoka D.M. | 1977 |
| Pigeon L. | -- | Victoria | 1977 |
| Red Pine L. | Sherborne | Haliburton | 1978 |
| Rice L. | -- | Peterborough | 1977 |
| L. Rosseau | Cardwell | Muskoka D.M. | 1977 |
| Round L. | Belmont | Peterborough | 1978 |

Cont ...

Cont...

| <u>Location</u> | <u>Township</u> | <u>County</u> | <u>Year Collected</u> |
|-----------------|--------------------|-----------------|-----------------------|
| Seymour L. | Seymour | Northumberland | 1977 |
| L. Scugog | -- | Durham/Victoria | 1977 |
| L. Simcoe | -- | Simcoe | 1977 |
| Six Mile L. | Baxter | Muskoka D.M. | 1978 |
| Skeleton L. | Cradwell | Muskoka D.M. | 1977 |
| L. St. John | Rama | Simcoe | 1977 |
| L. St. Nora | Stanhope/Sherborne | Haliburton | 1978 |
| Stony L. | Dummer | Peterborough | 1977/78 |
| Sturgeon L. | Fenelon | Victoria | 1977 |
| Talbot R. | -- | Durham D.M. | 1978 |
| Twelve Mile L. | Minden | Haliburton | 1978 |
| L. Vernon | Stisted | Muskoka D.M. | 1977 |
| Walker L. | Sinclair | Muskoka D.M. | 1977 |

SOUTHEASTERN REGION

| <u>Location</u> | <u>Township</u> | <u>County</u> | <u>Year Collected</u> |
|-----------------|--------------------------------|-----------------------------|-----------------------|
| Antoine L. | Palmerston | Frontenac | 1978 |
| Crosby L. | N. Crosby | Leeds | 1978 |
| Big Gull L. | Barrie | Frontenac | 1978 |
| Black L. | N. Burgess | Lanark | 1977 |
| Buckshot L. | Miller | Frontenac | 1978 |
| Calabogie L. | Blithfield | Renfrew | 1978 |
| Carson L. | Sherwood | Renfrew | 1978 |
| Centennial L. | Matawatchan | Renfrew | 1978 |
| Charleston L. | Leeds/Lansdowne | Leeds | 1978 |
| L. Clear | Sebastapol | Renfrew | 1978 |
| Crotch L. | Palmerston | Frontenac | 1978 |
| Dore L. | Wilberforce | Renfrew | 1978 |
| East L. | Athol | Prince Edward | 1978 |
| Green L. | Lavant | Lanark | 1978 |
| Kamaniskeg L. | Bangor | Renfrew | 1977 |
| Limerick L. | Limerick | Hastings | 1978 |
| Mississippi L. | Drummond, Beckwith & Ramsay | Lanark | 1977 |
| Muskrat L. | Westmeath & Ross | Renfrew | 1977 |
| Newboro L. | N. & S. Crosby | Leeds | 1978 |
| Ottawa R. | Clarence | Russell | 1978 |
| Otty L. | N. Burgess | Lanark | 1977 |
| Pike L. | N. Burgess | Lanark | 1978 |
| Raisin R. | Charlottenburg | Glenegarry | 1978 |
| Rideau R. | Ottawa | Carleton | 1977 |
| Round L. | Richards & Hagarty | Renfrew | 1978 |
| Silver L. | S. Sherbrooke | Lanark | 1978 |
| Skootamatta L. | Anglesea | Lennox/Addington | 1978 |
| South Nation R. | | Dundas/Stormont/ Russell | 1978 |
| Wabun L. | Brougham | Renfrew | 1978 |
| West L. | Hallowell | Prince Edward | 1978 |

NORTHEASTERN REGION

| <u>Location</u> | <u>Township</u> | <u>County</u> | <u>Year Collected</u> |
|-------------------|------------------|---------------|-----------------------|
| Abitibi R. | -- | Cochrane | 1977 |
| Aylen L. | Dickens | Nippissing | 1977 |
| Bernard L. | Strong | Parry Sound | 1978 |
| Buck L. (McCann) | Proudfoot | Nippissing | 1978 |
| Chapleau R. | Kapuskasing | Algoma | 1978 |
| Commando L. | Glackmeyer | Cochrane | 1977 |
| Dickson L. | Dickson | Nippissing | 1977 |
| Emerald L. | Borden | Sudbury | 1977 |
| Frederickhouse L. | Evelyn/Dundonald | Cochrane | 1977 |
| Frederickhouse R. | Leitch | Cochrane | 1977 |
| Kenogamissi L. | -- | Timiskaming | 1977 |
| Magpie R. | -- | Algoma | 1978 |
| Mattagami R. | Kendry | Cochrane | 1977 |
| Moose L. | Bod | Cochrane | 1977 |
| Night Hawk L. | Gody | Cochrane | 1977 |
| Oastler L. | Foley | Parry Sound | 1978 |
| Opeongo L. | Bower | Nippissing | 1977 |
| Opishing L. | Keefer/Hill | Timiskaming | 1977 |
| Papakomeka L. | Adams/McArthur | Timiskaming | 1977 |
| Round L. | Otto | Timiskaming | 1978 |
| Ryan L. | Preston | Nippissing | 1977 |
| Trout L. | Hoskin/Cherriman | Sudbury | 1978 |
| Vermilion L. | Fairbank | Sudbury | 1977 |
| Wabagishik L. | Foster/Nairn | Sudbury | 1978 |
| L. Wanapitei | -- | Sudbury | 1977 |

NORTHWESTERN REGION

| <u>Location</u> | <u>Township</u> | <u>County</u> | <u>Year Collected</u> |
|-----------------|-------------------|---------------|-----------------------|
| Aramis L. | -- | Rainy River | 1977 |
| Bending L. | -- | Kenora | 1978 |
| Chub L. | -- | Rainy River | 1977 |
| Crooked Pine L. | Trottier & Weaver | Rainy River | 1977 |
| Eva L. | -- | Rainy River | 1977 |
| Finlayson L. | -- | Rainy River | 1977 |
| Kawene L. | Trottier | Rainy River | 1977 |
| Marmion L. | -- | Rainy River | 1977 |
| Meggisi L. | -- | | 1977 |
| Nym L. | -- | Rainy River | 1977 |
| Pickerel | -- | Rainy River | 1978 |
| Rainy L. | -- | Rainy River | 1977 |
| L. of the Woods | Spohn | Rainy River | 1978 |

LAKE ONTARIO

| <u>Statistical Region</u> | <u>Sampling Site</u> | <u>Year of Collection</u> |
|---------------------------|--|---------------------------|
| 1 | Niagara | 1978 |
| 1 | Hamilton Harbour | 1978 |
| 1 | Halton | 1978 |
| 1 | Toronto Islands | 1978 |
| 1 | Hamilton Harbour | 1977 |
| 2 | Ganaraska River | 1978 |
| 2 | Credit River Mouth | 1977 |
| 2 | Wilmot Creek | 1978 |
| 2 | Gage Creek | 1978 |
| 4 | Belleville Bridge | 1978 |
| 5 | St. Lawrence River | 1977 |
| 5 | St. Regis Island (South Channel) | 1978 |
| 5 | St. Regis Island (North Channel) | 1978 |
| 5 | Cornwall Island (South Channel) | 1978 |
| 5 | Cornwall Island (North Channel) | 1978 |
| 5 | Iroquois to Regis Island to L. St. Francis | 1978 |
| 5 | Iroquois, Below Dam | 1978 |
| 7 | L. St. Francis | 1978 |

LAKE ERIE

| <u>Statistical Region</u> | <u>Sampling Site</u> | <u>Year of Collection</u> |
|---------------------------|----------------------|---------------------------|
| 1 | Pelee Island | 1977 |
| 2 | Western Basin | 1978 |
| 2 | Rondeau Bay | 1978 |
| 3 | Port Stanley area | 1978 |
| 4 | Port Dover area | 1978 |
| 4 | Inner Long Point Bay | 1978 |

DETROIT RIVER

| <u>Sampling Site</u> | <u>Year of Collection</u> |
|----------------------|---------------------------|
| Boblo Island area | 1978 |
| Malden Twp. | 1978 |

LAKE ST. CLAIR

| <u>Sampling Site</u> | <u>Year of Collection</u> |
|----------------------|---------------------------|
| Trembley Creek | 1978 |
| Mitchell Bay | 1978 |

ST. CLAIR RIVER

| <u>Sampling Site</u> | <u>Year of Collection</u> |
|----------------------|---------------------------|
| St. Clair River | 1978 |

LAKE HURON

| <u>Statistical Region</u> | <u>Sampling Site</u> | <u>Year of Collection</u> |
|---------------------------|----------------------|---------------------------|
| H2 | McGregor Bay | 1978 |
| H3 | Bruce | 1978 |
| 3 | Fishing Islands | 1978 |
| 3 | Lambton | 1978 |
| H3 | Port Franks | 1978 |
| 5 | Grand Bend | 1978 |
| 5 | Point Edward | 1978 |
| GB1 | Manitoulin | 1978 |
| GB1 | Wanapitei Bay | 1977 |
| GB1 | Whitefish Bay | 1977 |
| GB3 | Parry Sound | 1978 |
| GB4 | Cape Rich | 1978 |
| NC1 | St. Mary's River | 1978 |
| NC2 | Kagawong River | 1978 |

LAKE SUPERIOR

| <u>Statistical Region</u> | <u>Sampling Site</u> | <u>Year of Collection</u> |
|---------------------------|----------------------|---------------------------|
| 1 | Thunder Bay | 1978 |
| 1 | Eldorado Beach | 1978 |
| 1 | Hare Island | 1978 |
| 1 | Green Point | 1978 |
| 1 | Black Bay | 1978 |
| 1 | Cloud Bay | 1978 |
| 5 | Peninsula Harbour | 1978 |
| 5 | Terrace Bay | 1978 |
| 6 | Michipicoten River | 1978 |
| 6 | Sault Ste. Marie | 1978 |
| 7 | Goulais Bay | 1978 |
| 7 | Batchawana Bay | 1978 |

PCB/MIREX DATA SUMMARIES

SOUTHWESTERN REGION



ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT* PCB

LOCATION* AUSABLE RIVER

TOWNSHIP* BOSANQUET

DISTRICT* LAMBTON

LAT/LONG: 4319/8146

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|---------|---|------|------|--------|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | * | 27 | 94 | 28 | 490 | 52.2 | 31.0 | 75.0 | 935 | 0.0 | 0.5 |
| R. BASS | | 16 | 68 | 13 | 230 | 16.8 | 11.0 | 22.8 | 113 | 0.0 | 0.4 |
| CARP | | 8 | 1414 | 150 | 2860 | 46.0 | 15.0 | 70.5 | 2026 | 37.5 | 4.5 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| PIKE | - | - | - | A | A | A | A | A | A | A |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: AUSABLE RIVER

TOWNSHIP: BESANQUET

DISTRICT: LAMBTON

LAT/LONG: 4319/8146

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|---------|----|-------|----|--------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 27 | ND | ND | ND | ND | 52.2 | 31.0 | 75.0 | 935 | 0.0 | 0.5 |
| R. BASS | 16 | ND | ND | ND | ND | 16.8 | 11.0 | 22.8 | 113 | 0.0 | 0.4 |
| CARP | 8 | ND | ND | ND | ND | 46.0 | 15.0 | 70.5 | 2026 | 0.0 | 4.5 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: BEAVER RIVER

TOWNSHIP: -

DISTRICT: EUPHRASIA GREY

LAT/LONG: 4421/8033

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|------------|----|------|---------|-----|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| B. TROUT * | 20 | 128 | 40 | 350 | 32.2 | 16.0 | 59.5 | 513 | 0.0 | 1.5 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| B. TROUT | A | A | A | A | A | A | A | A | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: BEAVER RIVER

TOWNSHIP: -

DISTRICT: OWEN SOUND

LAT/LONG: 4421/8033

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|----------|----|-------|---------|-----|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| B. TROUT | 20 | ND | ND | ND | 32.2 | 16.0 | 59.5 | 513 | 0.0 | 1.5 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: MAITLAND RIVER

TOWNSHIP: COLBORNE

DISTRICT: HURON CO.

LAT/LONG: 4353/8110

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> | MEAN % |
|-----------|----|------|---------|-----|-------------|------|------|----------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| S.M. BASS | 20 | 119 | ND | 410 | 29.3 | 19.0 | 46.8 | 413 | 0.0 | 0.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: MAITLAND RIVER

TOWNSHIP: COLBORNE

DISTRICT: HURON CO.

LAT/LONG: 4353/8110

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> | MEAN % |
|-----------|----|-------|---------|-----|-------------|------|------|----------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| S.M. BASS | 20 | ND | ND | ND | 29.3 | 19.0 | 46.8 | 413 | 0.0 | 0.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: SAUGEEN RIVER

TOWNSHIP: ARRAN

DISTRICT: BRUCE

LAT/LONG: 4429/8119

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|-----------|---|------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| S.M. BASS | 5 | 42 | ND | 140 | 32.7 | 28.9 | 38.6 | 580 | 0.0 | 2.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: SAUGEEN RIVER

TOWNSHIP: ARRAN

DISTRICT: BRUCE

LAT/LONG: 4429/8119

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|-----------|---|-------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| S.M. BASS | 5 | ND | ND | ND | 32.7 | 28.9 | 38.6 | 580 | 0.0 | 2.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: SYDENHAM RIVER

TOWNSHIP: SULLIVAN

DISTRICT: GREY

LAT/LONG: 4424/8055

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> | MEAN | % |
|----------|----|------|---------|-----|-------------|------|------|----------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| B. TROUT | 20 | 74 | ND | 300 | 28.9 | 15.0 | 62.2 | 488 | 0.0 | 2.9 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: SYDENHAM RIVER

TOWNSHIP: SULLIVAN

DISTRICT: GREY

LAT/LONG: 4424/8055

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> | MEAN | % |
|----------|----|-------|---------|-----|-------------|------|------|----------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| B. TROUT | 20 | ND | ND | ND | 28.9 | 15.0 | 62.2 | 488 | 0.0 | 2.9 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: SYDENHAM RIVER

TOWNSHIP: CAMDEN

DISTRICT: KENT

LAT/LONG: 4235/8211

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | |
|-------------|----|-----|-----|-----|------|------|------|-----|-----|-----|
| WALLEYE * | 10 | 126 | 73 | 300 | 41.2 | 36.5 | 51.5 | 562 | 0.0 | 0.5 |
| R.H.SUCKER* | 10 | 179 | 120 | 300 | 38.6 | 35.5 | 46.0 | 610 | 0.0 | 1.2 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| WALLEYE | - | - | - | - | A | A | A | A | - | - |
| R.H.SUCKER | - | - | - | - | A | A | A | - | - | - |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

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PCB/MIREX SUMMARIES

WEST CENTRAL REGION



ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: COOTES PARADISE

TOWNSHIP: W. FLAMBOROUGH

DISTRICT: WENTWORTH

LAT/LONG: 4316/7955

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|----------|---|------|-----|-------|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | | |
| W. PERCH | * | 17 | 872 | 320 | 2080 | 26.8 | 21.3 | 31.5 | 274 | 5.9 | 1.7 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| W. PERCH | - | A | A | A | A | - | - | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: COOTES PARADISE

TOWNSHIP: W. FLAMBOROUGH

DISTRICT: WENTWORTH

LAT/LONG: 4316/7955

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|----------|---|-------|-----|-------|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | | |
| W. PERCH | * | 17 | 44 | ND | 140 | 26.8 | 21.3 | 31.5 | 274 | 5.9 | 1.7 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: MIREX

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| W. PERCH | - | A | A | A | B | - | - | - | - | - |

A MIREX CONCENTRATION < 100 PPB
 B MIREX CONCENTRATION > 100 PPB
 - MIREX DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE GIBSON

TOWNSHIP: THOROLD

DISTRICT: WELLAND CO.

LAT/LONG: 4300/7914

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) MIN MAX | LENGTH (CM) MEAN MIN MAX | WT. (GM) MEAN | %> MEAN % LIMIT LIPID |
|------------|---|-------------|--------------------|-----------------------------|------------------|--------------------------|
| C. CATFISH | 2 | 375 | 280 470 | 29.15 20.5 38.5 | 225 | 0.0 1.9 |
| ALEWIFE | 1 | 1760 | - - | 18.4 - - | 100 | 0.0 13.2 |
| R.H.SUCKER | 8 | 262 | 65 430 | 35.19 28.5 39.0 | 331 | 0.0 0.6 |
| W. SUCKER | 1 | 360 | - - | 35.0 - - | 400 | 0.0 0.6 |
| CARP | 3 | 380 | 300 450 | 49.8 40.3 56.0 | 1450 | 0.0 0.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE GIBSON

TOWNSHIP: THOROLD

DISTRICT: WELLAND CO.

LAT/LONG: 4300/7914

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) MIN MAX | LENGTH (CM) MEAN MIN MAX | WT. (GM) MEAN | %> MEAN % LIMIT LIPID |
|------------|---|---------------|--------------------|-----------------------------|------------------|--------------------------|
| C. CATFISH | 2 | ND | ND ND | 29.15 20.5 38.5 | 225 | 0.0 1.9 |
| ALEWIFE | 1 | ND | - - | 18.4 - - | 100 | 0.0 13.2 |
| R.H.SUCKER | 8 | ND | ND ND | 35.19 28.5 39.0 | 331 | 0.0 0.6 |
| W. SUCKER | 1 | ND | - - | 35.0 - - | 400 | 0.0 0.6 |
| CARP | 3 | ND | ND ND | 49.8 40.3 56.0 | 1450 | 0.0 0.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: GRAND RIVER
TOWNSHIP: DUNN & SHERBROOKE - Norfolk R.M.
DISTRICT: HALDIMAND
LAT/LONG: 4306/8015
YEAR: 1977
SOURCE: FISH

TISSUE: MUSCLE

LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | SEX | MEAN | LIMIT | LIPID |
|---------|---|------|-----|-------|------|-------------|------|------|----------|-----|------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | | | | |
| CARP | 2 | 155 | 100 | 100 | 45.5 | 39.0 | 54.0 | 1315 | 0.0 | 1.5 | | | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MERCURY

LOCATION: GRAND RIVER
TOWNSHIP: GALT
DISTRICT: HALDIMAND
LAT/LONG: 4306/8015
YEAR: 1977
SEX: -

TISSUE: MUSCLE

LIMIT: 100 PPB

SOURCE: FISH

| SPECIES | N | MERCURY | | (PPB) | | LENGTH (CM) | | | WT. (GM) | SEX | MEAN | LIMIT | LIPID |
|---------|---|---------|-----|-------|------|-------------|------|------|----------|-----|------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | | | | |
| CARP | 2 | ND | ND | ND | 46.5 | 39.0 | 54.0 | 1315 | 0.0 | 1.5 | | | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: GRAND RIVER

TOWNSHIP: -

DISTRICT: HALDIMAND - Norfolk R.M.

LAT/LONG: 4251/7934

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|---|-------------|--------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| C. CATFISH | 5 | 584 | 330 | 1090 | 38.7 | 28.5 | 48.2 | 495 | 0.0 | 4.1 |
| PIKE | 5 | 388 | 200 | 520 | 51.0 | 45.0 | 60.6 | 705 | 0.0 | 0.4 |
| WALLEYE | 5 | 624 | 350 | 980 | 42.4 | 29.0 | 67.0 | 829 | 0.0 | 0.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: GRAND RIVER

TOWNSHIP: -

DISTRICT: HALDIMAND

LAT/LONG: 4254/7936

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|---|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| C. CATFISH | 5 | ND | ND | ND | 38.7 | 28.5 | 48.2 | 495 | 0.0 | 4.1 |
| PIKE | 5 | ND | ND | ND | 51.0 | 45.0 | 60.6 | 705 | 0.0 | 0.4 |
| WALLEYE | 5 | ND | ND | ND | 42.4 | 29.0 | 67.0 | 829 | 0.0 | 0.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE MARTINDALE

TOWNSHIP:

DISTRICT: NIAGARA R.M.

LAT/LONG: 4311/7916

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|---|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| C. CATFISH | 1 | 900 | - | - | 16.5 | - | - | 100 | 0.0 | 3.0 |
| B.BULLHEAD | 1 | 710 | - | - | 22.5 | - | - | 100 | 0.0 | 1.7 |
| CARP | 1 | 310 | - | - | 41.6 | - | - | 900 | 0.0 | 1.6 |
| R.H.SUCKER | 1 | 800 | - | - | 39.5 | - | - | 500 | 0.0 | 0.4 |
| W. SUCKER | 2 | 595 | 560 | 630 | 30.3 | 24.5 | 36.0 | 300 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE MARTINDALE

TOWNSHIP: GRANTHAM

DISTRICT: LINCOLN CO.

LAT/LONG: 4311/7916

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|---|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| C. CATFISH | 1 | ND | - | - | 16.5 | - | - | 100 | 0.0 | 3.0 |
| B.BULLHEAD | 1 | ND | - | - | 22.5 | - | - | 100 | 0.0 | 1.7 |
| CARP | 1 | ND | - | - | 41.6 | - | - | 900 | 0.0 | 1.6 |
| R.H.SUCKER | 1 | ND | - | - | 39.5 | - | - | 500 | 0.0 | 0.4 |
| W. SUCKER | 2 | ND | ND | ND | 30.3 | 24.5 | 36.0 | 300 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE MARTINDALE

TOWNSHIP:

DISTRICT: NIAGARA R.M.

LAT/LONG: 4311/7916

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 2000 PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT | LIPID |
|------------|---|------|---------|-----|-------------|-----|-----|----------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| B. CRAPPIE | 1 | 620 | - | - | 23.5 | - | - | 150 | 0.0 | 1.4 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE MARTINDALE

TOWNSHIP: GRANTHAM

DISTRICT: LINCOLN CO.

LAT/LONG: 4311/7916

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT | LIPID |
|------------|---|-------|---------|-----|-------------|-----|-----|----------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| B. CRAPPIE | 1 | ND | - | - | 23.5 | - | - | 150 | 0.0 | 1.4 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: (LOWER) NIAGRA RIVER

TOWNSHIP: -

DISTRICT: NIAGRA R. M.

LAT/LONG: 4309/7903

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|-------------|---------|------|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| COHO | 22 | 2094 | 1200 | 2890 | 72.1 | 45.4 | 79.5 | 3993 | 68.2 | 2.6 |
| WALLEYE | 4 | 1810 | 850 | 2780 | 53.6 | 49.8 | 56.4 | 2150 | 50.0 | 2.1 |
| B. TROUT | 1 | 890 | - | - | 47.6 | - | - | 1300 | 0.0 | 4.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LOWER NIAGRA RIVER

TOWNSHIP: -

DISTRICT: NIAGRA

LAT/LONG: 4309/7903

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| COHO | 22 | 142 | 81 | 230 | 72.1 | 45.4 | 79.5 | 3993 | 81.8 | 2.6 |
| WALLEYE | 4 | 116 | 33 | 210 | 53.6 | 49.8 | 56.4 | 2150 | 50.0 | 2.1 |
| B. TROUT | 1 | 17 | - | - | 47.6 | - | - | 1300 | 0.0 | 4.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: PUSLINCH LAKE

TOWNSHIP: N. DUMFRIES

DISTRICT: WATERLOO

LAT/LONG: 4325/8016

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 2 | 50 | 42 | 57 | 57.5 | 48.0 | 67.0 | 1262 | 0.0 | 0.3 |
| WALLEYE | 5 | 53 | 28 | 74 | 43.4 | 40.0 | 52.0 | 759 | 0.0 | 0.2 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: PUSLINCH LAKE

TOWNSHIP: N. DUMFRIES

DISTRICT: WATERLOO

LAT/LONG: 4325/8016

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 2 | ND | ND | ND | 57.5 | 48.0 | 67.0 | 1262 | 0.0 | 0.3 |
| WALLEYE | 5 | ND | ND | ND | 43.4 | 40.0 | 52.0 | 759 | 0.0 | 0.2 |

ONTARIO MINISTY OF THE ENVIRONMENT

LABOFATORY SEPVICES BRANCH

POLLUTANT: PCB

LOCATION: SPEED RIVER

TOWNSHIP: PRESTON

DISTFICT: WATEPLCC R. M.

LAT/LONG: 4323/8022

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID |
|-------------|----|------|-----|---------|-----|-------------|------|------|----------|--------------------------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | MEAN | |
| CAPP | 6 | 398 | 110 | 630 | | 47.2 | 24.0 | 60.0 | 1700 | 0.0 0.9 |
| B.BULLHEAD* | 17 | 330 | 130 | 540 | | 25.4 | 20.0 | 32.0 | 214 | 0.0 1.1 |
| PIKE | 5 | 444 | 200 | 540 | | 57.2 | 44.0 | 87.0 | 1538 | 0.0 0.7 |
| Y. PERCH | 1 | 500 | - | - | | 19.0 | - | - | 100 | 0.0 0.7 |
| R.H.SUCKER | 1 | 330 | - | - | | 54.0 | - | - | 1500 | 0.0 0.4 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|------------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| B.BULLHEAD | - | A | A | A | A | - | - | - | - | - |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

ONTARIO MINISTY OF THE ENVIPONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: SPEED RIVER

TOWNSHIP: WATEFLOC

DISTFICT: WATEFLOO CO.

LAT/LONG: 4323/8022

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID |
|------------|----|-------|-----|---------|-----|-------------|------|------|----------|--------------------------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | MEAN | |
| CARP | 6 | ND | ND | ND | | 47.2 | 24.0 | 60.0 | 1700 | 0.0 0.9 |
| B.BULLHEAD | 17 | ND | ND | ND | | 25.4 | 20.0 | 32.0 | 214 | 0.0 1.1 |
| PIKE | 5 | ND | ND | ND | | 57.2 | 44.0 | 87.0 | 1538 | 0.0 0.7 |
| Y. PERCH | 1 | ND | - | - | | 19.0 | - | - | 100 | 0.0 0.7 |
| R.H.SUCKER | 1 | ND | - | - | | 54.0 | - | - | 1500 | 0.0 0.4 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: VALENS LAKE

TOWNSHIP: FLAMBOROUGH

DISTRICT: HAMILTON - WENTWORTH R.M.

LAT/LONG: 4323/8009

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| PIKE | 2 | 20 | 20 | 20 | 64.5 | 64.0 | 65.0 | 1750 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: VALENS LAKE

TOWNSHIP: N. DUMFRIES

DISTRICT: WATERLOO

LAT/LONG: 4323/8009

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|-------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| PIKE | 2 | ND | ND | ND | 64.5 | 64.0 | 65.0 | 1750 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: WELLAND RIVER

TOWNSHIP: WELLAND PORT

DISTRICT: NIAGARA R.M.

LAT/LONG: 4300/7929

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|------------|---|------|---------|-----|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| B.BULLHEAD | 5 | 88 | 50 | 150 | 22.5 | 15.0 | 26.5 | 245 | 0.0 | 0.9 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: WELLAND RIVER

TOWNSHIP: STAMFORD

DISTRICT: WELLAND CO.

LAT/LONG: 4300/7929

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|------------|---|-------|---------|-----|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| B.BULLHEAD | 5 | ND | ND | ND | 22.5 | 15.0 | 26.5 | 245 | 0.0 | 0.9 |

PCB/MIREX DATA SUMMARIES

CENTRAL REGION



ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: ARROWHEAD LAKE

TOWNSHIP: CHAFFEY

DISTRICT: MUSKOKA

LAT/LONG: 4524/7912

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|-----------|---|------|---------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| S.M. BASS | 5 | 49 | 23 | 110 | 45.1 | 41.7 | 50.5 | 1648 | 0.0 | 2.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: ARROWHEAD LAKE

TOWNSHIP: CHAFFEY

DISTRICT: MUSKOKA

LAT/LONG: 4523/7912

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|-----------|---|-------|---------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| S.M. BASS | 5 | ND | ND | ND | 45.1 | 41.7 | 50.5 | 1648 | 0.0 | 2.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: BALSAM LAKE
TOWNSHIP: BEXLEY & FENELON
DISTRICT: VICTORIA
LAT/LONG: 4435/7850
YEAR: 1977
SEX: -

TISSUE: MUSCLE
LIMIT: 2000

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 10 | 20 | ND | 53 | 48.3 | 26.5 | 58.9 | 1126 | 0.0 | 0.4 |
| S.M. BASS | 10 | 18 | ND | 36 | 37.4 | 18.5 | 49.3 | 887 | 0.0 | 0.9 |
| Y. PERCH | 20 | ND | ND | ND | 19.2 | 14.3 | 29.5 | 84 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: BALSAM LAKE
TOWNSHIP: BEXLEY
DISTRICT: VICTORIA
LAT/LONG: 4435/7850
YEAR: 1977
SEX: -

TISSUE: MUSCLE
LIMIT: 100

SOURCE: MOE

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 10 | ND | ND | ND | 48.3 | 26.5 | 58.9 | 1126 | 0.0 | 0.4 |
| S.M. BASS | 10 | ND | ND | ND | 37.4 | 18.5 | 49.3 | 887 | 0.0 | 0.9 |
| Y. PERCH | 20 | ND | ND | ND | 19.2 | 14.3 | 29.5 | 84 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: BELLA LAKE

TOWNSHIP: SINCLAIR

DISTRICT: MUSKOKA

LAT/LONG: 4526/7902

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 16 | 13 | ND | 40 | 34.8 | 24.0 | 41.0 | 808 | 0.0 | 1.1 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: BELLA LAKE

TOWNSHIP: SINCLAIR

DISTRICT: MUSKOKA

LAT/LONG: 4526/7902

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 16 | ND | ND | ND | 34.8 | 24.0 | 41.0 | 808 | 0.0 | 1.1 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: L. BUCKHORN LAKE

TOWNSHIP: SMITH & HARVEY

DISTRICT: PETERBOROUGH

LAT/LONG: 44 32/78 18

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 111 | 44 | 240 | 43.9 | 41.0 | 48.0 | 1854 | 0.0 | 1.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: L. BUCKHORN LAKE

TOWNSHIP: SMITH & HARVEY

DISTRICT: PETERBOROUGH

LAT/LONG: 44 32/78 18

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | ND | ND | ND | 43.9 | 41.0 | 48.0 | 1854 | 0.0 | 1.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE CAMERON

TOWNSHIP: FENLON

DISTRICT: VICTORIA

LAT/LONG: 44 33/78 46

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 118 | 28 | 440 | 38.4 | 33.0 | 41.8 | 1145 | 0.0 | 0.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE CAMERON

TOWNSHIP: FENLON

DISTRICT: VICTORIA

LAT/LONG: 44 33/78 46

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | ND | ND | ND | 38.4 | 33.0 | 41.8 | 1145 | 0.0 | 0.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CAMP LAKE
TOWNSHIP: FINLAYSON
DISTRICT: HALIBURTON
LAT/LONG: 4526/7855
YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | 66 | 29 | 140 | 40.7 | 27.5 | 51.0 | 720 | 0.0 | 2.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CAMP LAKE
TOWNSHIP: FINLAYSON
DISTRICT: HALIBURTON
LAT/LONG: 4526/7855
YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | ND | ND | ND | 40.7 | 27.5 | 51.0 | 720 | 0.0 | 2.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CANAL LAKE

TOWNSHIP: CARDEN

DISTRICT: VICTORIA

LAT/LONG: 4434/7903

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L.M. BASS | 5 | 16 | 7 | 38 | 36.7 | 28.3 | 41.0 | 1038 | 0.0 | 0.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CANAL LAKE

TOWNSHIP: CARDEN

DISTRICT: VICTORIA

LAT/LONG: 4434/7903

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L.M. BASS | 5 | ND | ND | ND | 36.7 | 28.3 | 41.0 | 1038 | 0.0 | 0.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CHANDOS LAKE

TOWNSHIP: CHANDOS

DISTRICT: PETERBOROUGH

LAT/LONG: 4448/7803

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | |
|----------|---|-----|----|-----|------|------|------|------|-----|-----|
| L. TROUT | 3 | 542 | 45 | 860 | 58.6 | 40.4 | 72.0 | 1967 | 0.0 | 2.9 |
|----------|---|-----|----|-----|------|------|------|------|-----|-----|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CHANDOS LAKE

TOWNSHIP: CHANDOS

DISTRICT: PETERBOROUGH

LAT/LONG: 4448/7803

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|-------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | |
|----------|---|----|----|----|------|------|------|------|-----|-----|
| L. TROUT | 3 | ND | ND | ND | 58.6 | 40.4 | 72.0 | 1967 | 0.0 | 2.9 |
|----------|---|----|----|----|------|------|------|------|-----|-----|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CHEMUNG LAKE

TOWNSHIP: ENNISMORE & SMITH

DISTRICT: PETERBOROUGH

LAT/LONG: 4424/7824

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|-----------|---|------|---------|-----|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| S.M. BASS | 5 | 74 | 25 | 143 | 33.9 | 24.3 | 41.9 | 936 | 0.0 | 1.1 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CHEMONG LAKE

TOWNSHIP: ENNISMORE

DISTRICT: PETERBOROUGH

LAT/LONG: 4424/7824

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|-----------|---|-------|---------|-----|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| S.M. BASS | 5 | ND | ND | ND | 33.9 | 24.3 | 41.9 | 936 | 0.0 | 1.1 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB LOCATION: LAKE COUCHACHING (Cunningham Bay)
 TOWNSHIP: ORILLIA
 DISTRICT: SIMCOE
 LAT/LONG: 4442/7922
 TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
 LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 20 | 124 | 77 | 200 | 21.9 | 16.8 | 26.9 | 130 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX LOCATION: LAKE COUCHACHING
 TOWNSHIP: ORILLIA
 DISTRICT: SIMCOE
 LAT/LONG: 4442/7922
 TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
 LIMIT: 100 PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 20 | ND | ND | ND | 21.9 | 16.8 | 26.9 | 130 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CREDIT RIVER

TOWNSHIP: TORONTO

DISTRICT: PEEL

LAT/LONG: 4335/7943

YEAR: 1977

SUBLOC: SV
(STREETSVILLE)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

SOURCE: MOE

| SPECIES | N | PCB (PPB) | | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID |
|---------|---|-----------|-----|-----|-------------|-----|-----|----------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | |

| | | | | | | | | | | |
|-------------|----|-----|----|-----|------|------|------|-----|-----|-----|
| W. SUCKER * | 24 | 27 | 10 | 62 | 20.4 | 12.5 | 30.5 | 113 | 0.0 | 1.3 |
| E. SHINER * | 29 | 198 | 35 | 770 | 14.6 | 11.0 | 17.0 | 39 | 0.0 | 1.4 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|-----------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| W. SUCKER | A | A | A | A | A | - | - | - | - | - |
| E. SHINER | A | A | - | - | - | - | - | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CREDIT RIVER

TOWNSHIP: TORONTO

DISTRICT: PEEL

LAT/LONG: 4335/7943

YEAR: 1977

SUBLOC: SV
(STREETSVILLE)

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

SOURCE: MOE

| SPECIES | N | MIREX (PPB) | | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID |
|---------|---|-------------|-----|-----|-------------|-----|-----|----------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | |

| | | | | | | | | | | |
|-----------|----|----|----|----|------|------|------|-----|-----|-----|
| W. SUCKER | 24 | ND | ND | ND | 20.4 | 12.5 | 30.5 | 113 | 0.0 | 1.3 |
| E. SHINER | 29 | ND | ND | ND | 14.6 | 11.0 | 17.0 | 39 | 0.0 | 1.4 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CREDIT RIVER

TOWNSHIP: TORONTO

DISTRICT: PEEL R. M.

LAT/LONG: 4335/7934

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT | % LIPID |
|---------|---|------|-----|---------|------|-------------|-----|------|----------|-----------|-------|---------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | | |

| | | | | | | | | | | | | |
|------|---|----|------|-----|------|------|------|------|------|------|-----|--|
| COHO | * | 18 | 1933 | 960 | 3940 | 54.0 | 36.8 | 75.0 | 2286 | 33.3 | 3.7 | |
|------|---|----|------|-----|------|------|------|------|------|------|-----|--|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| COHO | - | - | - | - | A | A | A | B | B | B |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CREDIT RIVER

TOWNSHIP: TORONTO

DISTRICT: PEEL R. M.

LAT/LONG: 4335/7943

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MDE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX (PPB) | | LENGTH (CM) | | | WT. (GM) | | %> MEAN % LIMIT LIPID |
|---------|------|-------------|---------|-------------|---------|------|----------|-------|--------------------------|
| | | MEAN | MIN MAX | MEAN | MIN MAX | MAX | MEAN | | |
| COHO | * 18 | 147 | 54 288 | 54.0 | 36.8 | 75.0 | 2286 | 83.13 | 3.7 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: MIREX

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| COHO | - | - | - | - | A | B | B | B | B | B |

A MIREX CONCENTRATION < 100 PPB
 B MIREX CONCENTRATION > 100 PPB
 - MIREX DATA NOT AVAILABLE FOR THIS SIZE

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: FOX LAKE

TOWNSHIP: STISTED

DISTRICT: MUSKOKA

LAT/LONG: 4522/7921

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 6 | 205 | 82 | 400 | 37.9 | 28.1 | 46.5 | 1037 | 0.0 | 3.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: FOX LAKE

TOWNSHIP: STISTED

DISTRICT: MUSKOKA

LAT/LONG: 4522/7921

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 6 | ND | ND | ND | 37.9 | 28.1 | 46.5 | 1037 | 0.0 | 3.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: GLOUCESTER POOL (Severn Pool)

TOWNSHIP: BAXTER

DISTRICT: MUSKOKA

LAT/LONG: 4451/7942

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 13 | 83 | 21 | 340 | 38.2 | 25.0 | 44.5 | 1138 | 0.0 | 0.7 |
| WALLEYE | 5 | 20 | ND | 37 | 56.5 | 49.7 | 65.0 | 2580 | 0.0 | 0.6 |
| PIKE | 4 | ND | ND | ND | 65.3 | 59.5 | 69.5 | 2388 | 0.0 | 0.4 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: GLOUCESTER POOL (Severn Pool)

TOWNSHIP: BAXTER

DISTRICT: MUSKOKA

LAT/LONG: 4451/7942

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 13 | ND | ND | ND | 38.2 | 25.0 | 44.5 | 1138 | 0.0 | 0.7 |
| WALLEYE | 5 | ND | ND | ND | 56.5 | 49.7 | 65.0 | 2580 | 0.0 | 0.6 |
| PIKE | 4 | ND | ND | ND | 65.3 | 59.5 | 69.5 | 2388 | 0.0 | 0.4 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: GULL LAKE
TOWNSHIP: LUTTERWORTH
DISTRICT: HALIBURTON CO.
LAT/LONG: 4451/7847
YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | 156 | 110 | 250 | 36.8 | 33.0 | 40.2 | 410 | 0.0 | 1.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: GULL LAKE
TOWNSHIP: LUTTERWORTH
DISTRICT: HALIBURTON CO.
LAT/LONG: 4451/7847
YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | ND | ND | ND | 36.8 | 33.0 | 40.2 | 410 | 0.0 | 1.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: HEAD LAKE
TOWNSHIP: LAXTON & DIGBY
DISTRICT: VICTORIA
LAT/LONG: 4444/7855
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 24 | ND | 86 | 36.0 | 23.0 | 51.0 | 760 | 0.0 | 0.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: HEAD LAKE
TOWNSHIP: LAXTON & DIGBY
DISTRICT: VICTORIA
LAT/LONG: 4441/7855
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | ND | ND | ND | 36.0 | 23.0 | 51.0 | 760 | 0.0 | 0.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: JACK LAKE

TOWNSHIP: METHUEN & BURLEIGH

DISTRICT: PETERBOROUGH

LAT/LONG: 4442/7802

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 38 | 8 | 72 | 41.4 | 37.5 | 45.5 | 964 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: JACK LAKE

TOWNSHIP: METHUEN & BURLEIGH

DISTRICT: PETERBOROUGH

LAT/LONG: 4442/7802

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | ND | ND | ND | 41.4 | 37.5 | 45.5 | 964 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE JOSEPH
TOWNSHIP: MEDORA
DISTRICT: MUSKOKA D.M.
LAT/LONG: 4510/7944
YEAR: 1977
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|---------|---|------|-----|--------|------|-------------|-----|------|---------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |

| | | | | | | | | | | | |
|----------|---|----|-----|-----|------|------|------|------|------|-----|------|
| L. TROUT | * | 24 | 755 | 250 | 1790 | 57.2 | 45.5 | 63.0 | 2308 | 0.0 | 11.5 |
|----------|---|----|-----|-----|------|------|------|------|------|-----|------|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | - | - | A | A | A | B | - |

A PCB CONCENTRATION < 2000 PPB
B PCB CONCENTRATION > 2000 PPB
- PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE JOSEPH
TOWNSHIP: MEDORA
DISTRICT: MUSKOKA D.M.
LAT/LONG: 4510/7944
YEAR: 1977
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|---------|---|-------|-----|--------|------|-------------|-----|------|---------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |

| | | | | | | | | | | |
|----------|----|----|----|----|------|------|------|------|-----|------|
| L. TROUT | 24 | ND | ND | ND | 57.2 | 45.5 | 63.0 | 2308 | 0.0 | 11.5 |
|----------|----|----|----|----|------|------|------|------|-----|------|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: KAHNSHE LAKE

TOWNSHIP: MORRISON

DISTRICT: MUSKOKA

LAT/LONG: 4450/7918

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|-----------|---|------|---------|-----|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| S.M. BASS | 5 | 110 | 40 | 350 | 36.6 | 30.7 | 46.2 | 774 | 0.0 | 0.6 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: KAHNSHE LAKE

TOWNSHIP: MORRISON

DISTRICT: MUSKOKA

LAT/LONG: 4450/7918

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|-----------|---|-------|---------|-----|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| S.M. BASS | 5 | ND | ND | ND | 36.6 | 30.7 | 46.2 | 774 | 0.0 | 0.6 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: KASHAGAWIGAMOG LAKE

TOWNSHIP: MINDEN

DISTRICT: HALIBURTON CO.

LAT/LONG: 4459/7836

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | |
|-----------|---|----|----|----|------|------|------|-----|-----|-----|
| S.M. BASS | 5 | 27 | 13 | 70 | 31.8 | 18.0 | 49.5 | 650 | 0.0 | 1.0 |
|-----------|---|----|----|----|------|------|------|-----|-----|-----|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: KASHAGAWIGAMOG LAKE

TOWNSHIP: MINDEN

DISTRICT: HALIBURTON CO.

LAT/LONG: 4459/7836

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|-------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | |
|-----------|---|----|----|----|------|------|------|-----|-----|-----|
| S.M. BASS | 5 | ND | ND | ND | 31.8 | 18.0 | 49.5 | 650 | 0.0 | 1.0 |
|-----------|---|----|----|----|------|------|------|-----|-----|-----|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: KASSHABOG LAKE

TOWNSHIP: METHUEN

DISTRICT: PETERBOROUGH

LAT/LONG: 4438/7758

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|-----------|---|------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| S.M. BASS | 5 | 162 | 88 | 238 | 47.1 | 42.0 | 50.0 | 1560 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: KASSHABOG LAKE

TOWNSHIP: METHUEN

DISTRICT: PETERBOROUGH

LAT/LONG: 4438/7758

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT (GM) | %> | MEAN % |
|-----------|---|-------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| S.M. BASS | 5 | ND | ND | ND | 47.1 | 42.0 | 50.0 | 1560 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LITTLE HAWK LAKE

TOWNSHIP: STANHOPE

DISTRICT: HALIBURTON

LAT/LONG: 4509/7843

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|---------|---|------|---------|-----|-------------|-----|-----|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |

| | | | | | | | | | | | |
|----------|---|----|-----|----|-----|------|------|------|-----|-----|-----|
| L. TROUT | * | 15 | 251 | 20 | 730 | 45.5 | 30.6 | 66.0 | 898 | 0.0 | 3.0 |
|----------|---|----|-----|----|-----|------|------|------|-----|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | A | A | A | A | A | A | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LITTLE HAWK LAKE

TOWNSHIP: STANHOPE

DISTRICT: HALIBURTON

LAT/LONG: 4509/7843

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|---------|---|-------|---------|-----|-------------|-----|-----|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |

| | | | | | | | | | | |
|----------|----|----|----|----|------|------|------|-----|-----|-----|
| L. TROUT | 15 | ND | ND | ND | 45.5 | 30.6 | 66.0 | 898 | 0.0 | 3.0 |
|----------|----|----|----|----|------|------|------|-----|-----|-----|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE MUSKOKA

TOWNSHIP: MUSKOKA

DISTRICT: MUSKOKA

LAT/LONG: 4500/7925

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID |
|-------------|----|------|--|---------|------|-------------|------|------|----------|--------------------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | MEAN | |
| L. TROUT * | 13 | 427 | | 180 | 1720 | 39.0 | 28.5 | 65.0 | 618 | 0.0 |
| S.M. BASS * | 19 | 242 | | 40 | 680 | 28.9 | 23.5 | 38.5 | 265 | 0.0 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|-----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | A | A | A | A | A | A | - |
| S.M. BASS | - | - | A | A | A | A | - | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE MUSKOKA

TOWNSHIP: MUSKOKA

DISTRICT: MUSKOKA

LAT/LONG: 4500/7925

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID |
|-----------|----|-------|--|---------|-----|-------------|------|------|----------|--------------------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | MEAN | |
| L. TROUT | 13 | ND | | ND | ND | 39.0 | 28.5 | 65.0 | 618 | 0.0 |
| S.M. BASS | 19 | ND | | ND | ND | 28.9 | 23.5 | 38.5 | 265 | 0.0 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: NOTTAWASAGA RIVER

TOWNSHIP: SUNNIDALE

DISTRICT: SIMCOE

LAT/LONG: 4429/8000

YEAR: 1977

SEX: -

SUBLOC

(Jacks Lake)

TISSUE: MUSCLE

SOURCE: MOE

LIMIT: 2000

PPB

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (CM) | > MEAN % |
|---------|---|------|-----|-------|------|-------------|-----|------|----------|----------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |

| | | | | | | | | | | | |
|----------|---|----|---|----|----|------|------|------|-----|-----|-----|
| Y. PERCH | * | 14 | 4 | ND | 50 | 24.9 | 16.5 | 38.0 | 229 | 0.0 | 0.4 |
|----------|---|----|---|----|----|------|------|------|-----|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-16 | 16-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|

| | | | | | | | | | | |
|----------|---|---|---|---|---|---|---|---|---|---|
| Y. PERCH | A | A | A | A | A | A | - | - | - | - |
|----------|---|---|---|---|---|---|---|---|---|---|

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| E | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: DREX

LOCATION: NOTTAWASAGA RIVER

TOWNSHIP: SUNNIDALE

DISTRICT: SIMCOE

LAT/LONG: 4429/8000

YEAR: 1977

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | DREX | | (PPB) | | LENGTH (CM) | | | WT. (CM) | > MEAN % |
|---------|---|------|-----|-------|------|-------------|-----|------|----------|----------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |

| | | | | | | | | | | |
|----------|----|----|----|----|------|------|------|-----|-----|-----|
| Y. PERCH | 14 | ND | ND | ND | 24.9 | 16.5 | 38.0 | 229 | 0.0 | 0.4 |
|----------|----|----|----|----|------|------|------|-----|-----|-----|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABOPATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: OXTONGUE LAKE

TOWNSHIP: MCCLINTOCK

DISTRICT: HALIBURTON

LAT/LONG: 4522/7855

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|---------|-----|-------------|-----|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | 516 | 210 | 900 | 60.5 | 5.0 | 91.5 | 5110 | 0.0 | 7.5 |

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ONTARIO MINISTFY OF THE ENVIRONMENT

LABOPATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: OXTONGUE LAKE

TOWNSHIP: MCCLINTOCK

DISTRICT: HALIBUFTON

LAT/LONG: 4522/7855

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|---------------|---------|-----|-------------|-----|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TFOUT | 5 | ND | ND | ND | 60.5 | 5.0 | 91.5 | 5110 | 0.0 | 7.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: PAUDASH LAKE

TOWNSHIP: CARDIFF

DISTRICT: HALIBURTON

LAT/LONG: 4458/7803

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 49 | 19 | 72 | 40.1 | 34.0 | 46.0 | 874 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: PAUDASH LAKE

TOWNSHIP: CARDIFF

DISTRICT: HALIBURTON

LAT/LONG: 4458/7803

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | ND | ND | ND | 40.1 | 34.0 | 46.0 | 874 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: PENINSULA LAKE

TOWNSHIP: CHAFFEY

DISTRICT: MUSKOKA

LAT/LONG: 4520/7906

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-------------|----|------|--|-------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS * | 20 | 64 | | 12 | 190 | 34.4 | 21.2 | 43.5 | 645 | 0.0 | 1.0 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|-----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| S.M. BASS | - | A | A | A | A | A | A | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: PENINSULA LAKE

TOWNSHIP: CHAFFEY

DISTRICT: MUSKOKA

LAT/LONG: 4520/7906

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------|--|-------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 20 | ND | | ND | ND | 34.4 | 21.2 | 43.5 | 645 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: PIGEON LAKE

TOWNSHIP: -

DISTRICT: VICTORIA

LAT/LONG: 4427/7830

TISSUE: MUSCLE

YEAR: 1977

SOURCE: POE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | > | MEAN | LIMIT | LIPID |
|------------|----|------|----|---------|------|-------------|------|-----|----------|-----|------|-------|-------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | | | |
| Y. PERCH * | 20 | 7 | ND | 20 | 18.6 | 14.0 | 24.1 | | 36 | 0.0 | 0.5 | | |
| WALLEYE | 5 | 2 | ND | 10 | 43.7 | 38.3 | 51.0 | | 328 | 0.0 | 0.5 | | |
| L.M. BASS | 5 | 5 | ND | 15 | 38.8 | 30.7 | 44.9 | | 1032 | 0.0 | 0.5 | | |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|----------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| Y. PERCH | A | A | A | A | - | - | - | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: PIGEON LAKE

TOWNSHIP: -

DISTRICT: VICTORIA

LAT/LONG: 4427/7830

TISSUE: MUSCLE

YEAR: 1977

SOURCE: POE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (GM) | > | MEAN | LIMIT | LIPID |
|-----------|----|-------|----|---------|------|-------------|------|-----|----------|-----|------|-------|-------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | | | |
| Y. PERCH | 20 | ND | ND | ND | 18.6 | 14.0 | 24.1 | | 36 | 0.0 | 0.5 | | |
| WALLEYE | 5 | ND | ND | ND | 43.7 | 38.3 | 51.0 | | 328 | 0.0 | 0.5 | | |
| L.M. BASS | 5 | ND | ND | ND | 38.8 | 30.7 | 44.9 | | 1032 | 0.0 | 0.5 | | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: RED PINE LAKE

TOWNSHIP: SHERBORNE

DISTRICT: HALIBURTON

LAT/LONG: 4512/7842

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|----------|------|------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| L. TROUT | * 18 | 90 | 34 | 190 | 44.2 | 26.0 | 59.7 | 799 | 0.0 | 2.3 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | A | A | A | A | A | A | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: RED PINE LAKE

TOWNSHIP: SHERBORNE

DISTRICT: HALIBURTON

LAT/LONG: 4512/7842

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|----------|----|-------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| L. TROUT | 18 | ND | ND | ND | 44.2 | 26.0 | 59.7 | 799 | 0.0 | 2.3 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: RICE LAKE

TOWNSHIP: -

DISTRICT: PETERSBOROUGH

LAT/LONG: 4412/7810

TISSUE: MUSCLE

YEAR: 1977

SOURCE: FGE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | % > MEAN | % LIGHT LIPID |
|------------|----|------|-----|--------|-----|-------------|------|------|----------|----------|---------------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 6 | 125 | 92 | 160 | | 58.0 | 55.4 | 65.3 | 1909 | 0.0 | 0.2 |
| Y. PERCH | 17 | 287 | 83 | 590 | | 18.1 | 15.0 | 22.2 | 97 | 0.0 | 0.7 |
| L. I. BASS | 5 | 300 | 110 | 520 | | 38.7 | 34.2 | 42.0 | 1015 | 0.0 | 0.3 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: DREX

LOCATION: RICE LAKE

TOWNSHIP: -

DISTRICT: PETERSBOROUGH

LAT/LONG: 4412/7810

TISSUE: MUSCLE

YEAR: 1977

SOURCE: FGE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | DREX | | (PPB) | | LENGTH (CM) | | | WT. (GM) | % > MEAN | % LIGHT LIPID |
|------------|----|------|-----|--------|-----|-------------|------|------|----------|----------|---------------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 6 | ND | ND | ND | | 58.0 | 55.4 | 65.3 | 1909 | 0.0 | 0.2 |
| Y. PERCH | 17 | ND | ND | ND | | 18.1 | 15.0 | 22.2 | 97 | 0.0 | 0.7 |
| L. I. BASS | 5 | ND | ND | ND | | 38.7 | 34.2 | 42.0 | 1015 | 0.0 | 0.3 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ROSSEAU

TOWNSHIP: CARDWELL

DISTRICT: MUSKOKA

LAT/LONG: 4510/7935

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | | |
|----------|---|----|-----|-----|------|------|------|------|------|-----|-----|
| L. TROUT | * | 30 | 764 | 110 | 2570 | 56.3 | 35.0 | 79.5 | 2198 | 3.3 | 8.4 |
|----------|---|----|-----|-----|------|------|------|------|------|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | - | A | A | A | A | A | A |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ROSSEAU

TOWNSHIP: CARDWELL

DISTRICT: MUSKOKA

LAT/LONG: 4510/7935

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|-------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | |
|----------|----|----|----|----|------|------|------|------|-----|-----|
| L. TROUT | 30 | ND | ND | ND | 56.3 | 35.0 | 79.5 | 2198 | 0.0 | 8.4 |
|----------|----|----|----|----|------|------|------|------|-----|-----|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: ROUND LAKE
TOWNSHIP: BELMONT
DISTRICT: PETERBOROUGH
LAT/LONG: 44 30/7753

TISSUE: MUSCLE
LIMIT: 2000

PPB

YEAR: 1978
SEX: -

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 94 | 20 | 310 | 38.8 | 32.8 | 41.5 | 1084 | 0.0 | 0.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: ROUND LAKE
TOWNSHIP: BELMONT
DISTRICT: PETERBOROUGH
LAT/LONG: 44 30/7753
YEAR: 1978
SEX: -

TISSUE: MUSCLE
LIMIT: 100

PPB

SOURCE: MOE

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | ND | ND | ND | 38.8 | 32.8 | 41.5 | 1084 | 0.0 | 0.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: SEYMOUR LAKE

TOWNSHIP: SEYMOUR

DISTRICT: NORTHUMBERLAND

LAT/LONG: 4423/7749

YEAR: 1977

SUBLOC:LS
(LAKE SEYMOUR)

TISSUE: MUSCLE

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 15 | 48 | 23 | 70 | 19.4 | 13.6 | 27.8 | 88 | 0.0 | 0.5 |
| WALLEYE | 5 | 17 | 10 | 28 | 65.3 | 59.6 | 71.1 | 2692 | 0.0 | 0.3 |
| L.M. BASS | 8 | 30 | ND | 87 | 39.1 | 23.8 | 49.4 | 1254 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: SEYMOUR LAKE

TOWNSHIP: SEYMOUR

DISTRICT: NORTHUMBERLAND

LAT/LONG: 4423/7749

YEAR: 1977

SUBLOC:LS
(LAKE SEYMOUR)

TISSUE: MUSCLE

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 15 | ND | ND | ND | 19.4 | 13.6 | 27.8 | 88 | 0.0 | 0.5 |
| WALLEYE | 5 | ND | ND | ND | 65.3 | 59.6 | 71.1 | 2692 | 0.0 | 0.3 |
| L.M. BASS | 8 | ND | ND | ND | 39.1 | 23.8 | 49.4 | 1254 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SCUCOC

TOWNSHIP:

DISTRICT: VICTORIA & DURHAM R.M.'s

LAT/LONG: 4410/7850

TISSUE: MUSCLE

YEAR: 1977

SOURCE: FDE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (G) | > | MEAN |
|------------|----|------|-----|--------|-----|-------------|------|------|---------|-----|------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH * | 20 | 2 | ND | 37 | | 22.5 | 16.2 | 31.4 | 175 | 0.0 | 0.5 |
| WALLEYE | 20 | ND | ND | ND | | 45.5 | 22.2 | 66.6 | 1140 | 0.0 | 0.4 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| Y. PERCH | A | A | A | A | A | - | - | - | - | - |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCL | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: DIREX

LOCATION: LAKE SCUCOC

TOWNSHIP:

DISTRICT: VICTORIA & DURHAM R.M.'s

LAT/LONG: 4410/7850

TISSUE: MUSCLE

YEAR: 1977

SOURCE: FDE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | DIREX | | (PPB) | | LENGTH (CM) | | | WT. (G) | > | MEAN |
|----------|----|-------|-----|--------|-----|-------------|------|------|---------|-----|------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 20 | ND | ND | ND | | 22.5 | 16.2 | 31.4 | 175 | 0.0 | 0.5 |
| WALLEYE | 20 | ND | ND | ND | | 45.5 | 22.2 | 66.6 | 1140 | 0.0 | 0.4 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SIMCOE

TOWNSHIP: -

DISTRICT: SIMCOE

LAT/LONG: 4425/7925

YEAR: 1977

SOURCE: MOE

TISSUE: EGGS

LIMIT: 2000

PPB

SEX: F

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------------|--------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WHITEFISH | 10 | 660 | 350 | 1390 | 52.3 | 51.0 | 54.0 | 1300 | 0.0 | 3.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SIMCOE

TOWNSHIP: -

DISTRICT: SIMCOE

LAT/LONG: 4425/7925

YEAR: 1977

SOURCE: MOE

TISSUE: EGGS

LIMIT: 100

PPB

SEX: F

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WHITEFISH | 10 | ND | ND | ND | 52.3 | 51.0 | 54.0 | 1300 | 0.0 | 3.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SIMCOE

TOWNSHIP: -

DISTRICT: SIMCOE

LAT/LONG: 4425/7925

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB (PPB) | | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|-------------|----|-----------|-----|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |
| WHITEFISH * | 20 | 288 | 80 | 630 | 52.3 | 50.8 | 54.5 | 1292 | 0.0 | 16.6 |
| S.M. BASS | 3 | 80 | 30 | 130 | 39.4 | 31.7 | 43.5 | 1067 | 0.0 | 1.4 |
| Y. PERCH | 4 | 24 | ND | 54 | 29.7 | 28.5 | 30.6 | 400 | 0.0 | 0.9 |
| L. TROUT * | 14 | 1842 | 110 | 8980 | 64.9 | 49.5 | 87.0 | 2571 | 21.4 | 4.9 |
| CISCO * | 13 | 196 | 90 | 350 | 34.4 | 31.8 | 40.3 | 380 | 0.0 | 3.1 |
| BURBOT | 15 | 25 | ND | 130 | 59.4 | 43.7 | 79.0 | 1597 | 0.0 | 0.4 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|-----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| WHITEFISH | - | - | - | - | - | A | A | B | - | - |
| L. TROUT | - | - | - | - | - | A | A | A | B | B |
| CISCO | - | - | - | A | A | A | - | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SIMCOE

TOWNSHIP: -

DISTRICT: SIMCOE

LAT/LONG: 4425/7925

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX (PPB) | | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|-----------|----|-------------|-----|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |
| WHITEFISH | 20 | ND | ND | ND | 52.3 | 50.8 | 54.5 | 1292 | 0.0 | 16.6 |
| S.M. BASS | 3 | ND | ND | ND | 39.4 | 31.7 | 43.5 | 1067 | 0.0 | 1.4 |
| Y. PERCH | 4 | ND | ND | ND | 29.7 | 28.5 | 30.6 | 400 | 0.0 | 0.9 |
| L. TROUT | 14 | ND | ND | ND | 64.9 | 49.5 | 87.0 | 2571 | 0.0 | 4.9 |
| CISCO | 13 | ND | ND | ND | 34.4 | 31.8 | 40.3 | 380 | 0.0 | 3.1 |
| BURBOT | 15 | ND | ND | ND | 59.4 | 43.7 | 79.0 | 1597 | 0.0 | 0.4 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SIMCOE

TOWNSHIP: -

DISTRICT: SIMCOE

LAT/LONG: 4425/7925

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------------|---------|-----|-------------|------|-------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| CISCO | 13 | 311 | 60 | 770 | 31.1 | 26.8 | 37.0 | 235 | 0.0 | 3.1 |
| Y. PERCH | 18 | 20 | ND | 185 | 23.7 | 12.2 | 31.0 | 171 | 0.0 | 0.6 |
| S.M. BASS | 28 | 99 | ND | 600 | 28.3 | 19.4 | 43.4 | 391 | 0.0 | 1.2 |
| PIKE * | 21 | 12 | ND | 180 | 67.2 | 51.2 | 105.0 | 1965 | 0.0 | 0.3 |
| WALLEYE * | 26 | 71 | ND | 510 | 54.5 | 29.0 | 75.0 | 1939 | 0.0 | 0.8 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| PIKE | - | - | - | - | - | - | A | A | A | A |
| WALLEYE | - | - | - | A | A | A | A | A | A | A |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SIMCOE

TOWNSHIP: -

DISTRICT: SIMCOE

LAT/LONG: 4425/7925

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|---------------|---------|-----|-------------|------|-------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| CISCO | 13 | ND | ND | ND | 31.1 | 26.8 | 37.0 | 235 | 0.0 | 3.1 |
| Y. PERCH | 18 | ND | ND | ND | 23.7 | 12.2 | 31.0 | 171 | 0.0 | 0.6 |
| S.M. BASS | 28 | ND | ND | ND | 28.3 | 19.4 | 43.4 | 391 | 0.0 | 1.2 |
| PIKE | 21 | ND | ND | ND | 67.2 | 51.2 | 105.0 | 1965 | 0.0 | 0.3 |
| WALLEYE | 26 | ND | ND | ND | 54.5 | 29.0 | 75.0 | 1939 | 0.0 | 0.8 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SIMCOE

TOWNSHIP: -

DISTRICT: SIMCOE

LAT/LONG: 4425/7925

YEAR: 1977

SOURCE: MOE

TISSUE: EGGS

LIMIT: 2000

PPB

SEX: F

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|--------|-----|-------------|-----|-----|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |

| | | | | | | | | | | |
|----------|---|------|-----|------|-------|-----|------|------|------|-----|
| L. TROUT | 6 | 1930 | 280 | 4110 | 60.82 | 6.0 | 85.5 | 3572 | 40.0 | 6.1 |
|----------|---|------|-----|------|-------|-----|------|------|------|-----|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SIMCOE

TOWNSHIP: -

DISTRICT: SIMCOE

LAT/LONG: 4425/7925

YEAR: 1977

SOURCE: MOE

TISSUE: EGGS

LIMIT: 100

PPB

SEX: F

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|--------|-----|-------------|-----|-----|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |

| | | | | | | | | | | |
|----------|---|----|----|----|------|-----|------|------|-----|-----|
| L. TROUT | 6 | ND | ND | ND | 60.8 | 6.0 | 85.5 | 3572 | 0.0 | 6.1 |
|----------|---|----|----|----|------|-----|------|------|-----|-----|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: SIX MILE LAKE

TOWNSHIP: BAXTER

DISTRICT: MUSKOKA

LAT/LONG: 4454/7943

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 68 | 35 | 120 | 45.0 | 41.5 | 50.8 | 1345 | 0.0 | 0.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: SIX MILE LAKE

TOWNSHIP: BAXTER

DISTRICT: MUSKOKA

LAT/LONG: 4454/7943

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | ND | ND | ND | 45.0 | 41.5 | 50.8 | 1345 | 0.0 | 0.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: SKELETON LAKE

TOWNSHIP: CARDWELL

DISTRICT: MUSKOKA

LAT/LONG: 4515/7927

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|------|--|-------|-----|-------------|-----|-----|---------|-----------|-------|-------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | | |

| | | | | | | | | | | | | |
|-------------|----|----|----|-----|------|------|------|-----|-----|-----|--|--|
| S.M. BASS * | 21 | 45 | 11 | 110 | 33.6 | 24.3 | 39.2 | 614 | 0.0 | 1.6 | | |
|-------------|----|----|----|-----|------|------|------|-----|-----|-----|--|--|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|

| | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|---|---|
| S.M. BASS | - | - | A | A | A | A | - | - | - | - |
|-----------|---|---|---|---|---|---|---|---|---|---|

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: SKELETON LAKE

TOWNSHIP: CARDWELL

DISTRICT: MUSKOKA

LAT/LONG: 4515/7927

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|-------|--|-------|-----|-------------|-----|-----|---------|-----------|-------|-------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | | |

| | | | | | | | | | | | | |
|-----------|----|----|----|----|------|------|------|-----|-----|-----|--|--|
| S.M. BASS | 21 | ND | ND | ND | 33.6 | 24.3 | 39.2 | 614 | 0.0 | 1.6 | | |
|-----------|----|----|----|----|------|------|------|-----|-----|-----|--|--|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: SKELETON LAKE

TOWNSHIP: CARDWELL

DISTRICT: MUSKOKA

LAT/LONG: 4515/7927

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|------|-------------|---------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | * 30 | 543 | 120 | 2010 | 53.8 | 35.0 | 75.0 | 1713 | 3.3 | 4.4 |
| WALLEYE | * 28 | 191 | 30 | 550 | 48.0 | 33.5 | 70.0 | 1400 | 0.0 | 1.7 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | - | A | A | A | A | A | A |
| WALLEYE | - | - | - | A | A | A | A | A | A | A |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: SKELETON LAKE

TOWNSHIP: CARDWELL

DISTRICT: MUSKOKA

LAT/LONG: 4515/7927

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 30 | ND | ND | ND | 53.8 | 35.0 | 75.0 | 1713 | 0.0 | 4.4 |
| WALLEYE | 28 | ND | ND | ND | 48.0 | 33.5 | 70.0 | 1400 | 0.0 | 1.7 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ST. JOHN

TOWNSHIP: RAMA

DISTRICT: ONTARIO

LAT/LONG: 4441/7919

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPL) | | LENGTH (CM) | | | WT. (G) | SD | MEAN % |
|---------|---|------|--|---------|-----|-------------|------|------|---------|-----|--------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 5 | 180 | | 100 | 290 | 64.5 | 58.2 | 74.0 | 1680 | 0.0 | 0.2 |
| WALLEYE | 5 | 172 | | 140 | 210 | 53.9 | 44.4 | 61.4 | 1730 | 0.0 | 0.3 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ST. JOHN

TOWNSHIP: RAMA

DISTRICT: ONTARIO

LAT/LONG: 4441/7919

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (G) | SD | MEAN % |
|---------|---|-------|--|---------|-----|-------------|------|------|---------|-----|--------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 5 | ND | | ND | ND | 64.5 | 58.2 | 74.0 | 1680 | 0.0 | 0.2 |
| WALLEYE | 5 | ND | | ND | ND | 53.9 | 44.4 | 61.4 | 1730 | 0.0 | 0.3 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ST.NORA
TOWNSHIP: STANHOPE & SHERBORNE
DISTRICT: HALIBURTON
LAT/LONG: 4509/7850
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|------------|----|------|--------|------|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| L. TROUT * | 15 | 379 | 100 | 1130 | 60.4 | 31.8 | 73.7 | 2593 | 0.0 | 8.0 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | A | A | A | A | A | A | A |

A PCB CONCENTRATION < 2000 PPB
B PCB CONCENTRATION > 2000 PPB
- PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ST.NORA
TOWNSHIP: STANHOPE & SHERBORNE
DISTRICT: HALIBURTON
LAT/LONG: 4509/7850
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|----------|----|-------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| L. TROUT | 15 | ND | ND | ND | 60.4 | 31.8 | 73.7 | 2593 | 0.0 | 8.0 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: STONY LAKE

TOWNSHIP: BURLEIGH & DUMMER

DISTRICT: PETERBOROUGH

LAT/LONG: 4433/7806

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| MUSKY | 5 | 31 | 10 | 66 | 80.8 | 71.3 | 91.1 | 2924 | 0.0 | 0.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: STONY LAKE

TOWNSHIP: BURLEIGH & DUMMER

DISTRICT: PETERBOROUGH

LAT/LONG: 4433/7806

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| MUSKY | 5 | ND | ND | ND | 80.8 | 71.3 | 91.1 | 2924 | 0.0 | 0.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: STONY LAKE
TOWNSHIP: BURLEIGH & DUMMER
DISTRICT: PETERBOROUGH
LAT/LONG: 4433/7806
YEAR: 1978
SEX: -

TISSUE: MUSCLE
LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> LIMIT | MEAN % LIPID |
|-----------|---|------|---------|-----|-------------|------|------|---------|----------|--------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| S.M. BASS | 5 | 302 | 150 | 400 | 40.7 | 38.7 | 44.0 | 1361 | 0.0 | 1.1 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: STONY LAKE
TOWNSHIP: BURLEIGH & DUMMER
DISTRICT: PETERBOROUGH
LAT/LONG: 4433/7806
YEAR: 1978
SEX: -

TISSUE: MUSCLE
LIMIT: 100

PPB

SOURCE: MOE

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> LIMIT | MEAN % LIPID |
|-----------|---|-------|---------|-----|-------------|------|------|---------|----------|--------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| S.M. BASS | 5 | ND | ND | ND | 40.7 | 38.7 | 44.0 | 1361 | 0.0 | 1.1 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: STURGEON LAKE
TOWNSHIP: VERULAM & FENELON
DISTRICT: VICTORIA
LAT/LONG: 4428/7843
YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

| SPECIES | N | PCB (PPB) | | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|-----------|-----|-----|-------------|-----|-----|---------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | | |

| | | | | | | | | | | |
|------------|----|-----|----|-----|------|------|------|-----|-----|-----|
| S.M. BASS | 5 | 101 | 72 | 150 | 33.7 | 26.0 | 40.5 | 658 | 0.0 | 1.2 |
| WALLEYE | 5 | 77 | 10 | 140 | 40.6 | 27.5 | 62.1 | 782 | 0.0 | 0.6 |
| Y. PERCH * | 18 | 82 | 10 | 175 | 18.3 | 11.8 | 25.1 | 94 | 0.0 | 0.7 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|

| | | | | | | | | | | |
|----------|---|---|---|---|---|---|---|---|---|---|
| Y. PERCH | A | A | A | A | - | - | - | - | - | - |
|----------|---|---|---|---|---|---|---|---|---|---|

| | | |
|-------|----------------------------------|-----|
| A PCB | CONCENTRATION < 2000 | PPB |
| B PCB | CONCENTRATION > 2000 | PPB |
| - PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: STURGEON LAKE
TOWNSHIP: VERULAM & FENELON
DISTRICT: VICTORIA
LAT/LONG: 4428/7843
YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

| SPECIES | N | MIREX (PPB) | | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|-------------|-----|-----|-------------|-----|-----|---------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | | |

| | | | | | | | | | | |
|-----------|----|----|----|----|------|------|------|-----|-----|-----|
| S.M. BASS | 5 | ND | ND | ND | 33.7 | 26.0 | 40.5 | 658 | 0.0 | 1.2 |
| WALLEYE | 5 | ND | ND | ND | 40.6 | 27.5 | 62.1 | 782 | 0.0 | 0.6 |
| Y. PERCH | 18 | ND | ND | ND | 18.3 | 11.8 | 25.1 | 94 | 0.0 | 0.7 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: TALBOT RIVER

TOWNSHIP:

DISTRICT: DURHAM R. M.

LAT/LONG: 4428/7910

YEAR: 1978

SOURCE: MOE

TISSUE: EGGS

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 8 | 848 | 410 | 1486 | 66.4 | 49.9 | 80.7 | 3374 | 0.0 | 11.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: TALBOT RIVER

TOWNSHIP:

DISTRICT: DURHAM R. M.

LAT/LONG: 4428/7910

YEAR: 1978

SOURCE: MOE

TISSUE: EGGS

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 8 | ND | ND | ND | 66.4 | 49.9 | 80.7 | 3374 | 0.0 | 11.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: TALBOT RIVER

TOWNSHIP: THORAH

DISTRICT: ONTARIO

LAT/LONG: 4428/7910

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 9 | 139 | 38 | 290 | 67.2 | 49.9 | 80.7 | 3493 | 0.0 | 1.2 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: TALBOT RIVER

TOWNSHIP: THORAH

DISTRICT: ONTARIO

LAT/LONG: 4428/7910

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 9 | ND | ND | ND | 67.2 | 49.9 | 80.7 | 3493 | 0.0 | 1.2 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: TWELVE MILE LAKE

TOWNSHIP: MINDEN

DISTRICT: HALIBURTON

LAT/LONG: 4501/7843

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|---------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | 1012 | 100 | 1740 | 60.0 | 36.5 | 73.5 | 2260 | 0.0 | 7.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: TWELVE MILE LAKE

TOWNSHIP: MINDEN

DISTRICT: HALIBURTON

LAT/LONG: 4501/7843

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | ND | ND | ND | 60.0 | 36.5 | 73.5 | 2260 | 0.0 | 7.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE VERNON

TOWNSHIP: STISTED

DISTRICT: MUSKOKA

LAT/LONG: 4520/7917

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|------|-------|-----|-------------|-----|-----|---------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |

| | | | | | | | | | | |
|-------------|----|----|----|----|------|------|------|-----|-----|-----|
| S.M. BASS * | 20 | 29 | ND | 65 | 25.9 | 22.0 | 44.5 | 271 | 0.0 | 0.8 |
|-------------|----|----|----|----|------|------|------|-----|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |

| | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|---|---|
| S.M. BASS | - | A | A | A | A | A | A | - | - | - |
|-----------|---|---|---|---|---|---|---|---|---|---|

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE VERNON

TOWNSHIP: STISTED

DISTRICT: MUSKOKA

LAT/LONG: 4520/7917

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|-------|-------|-----|-------------|-----|-----|---------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |

| | | | | | | | | | | |
|-----------|----|----|----|----|------|------|------|-----|-----|-----|
| S.M. BASS | 20 | ND | ND | ND | 25.9 | 22.0 | 44.5 | 271 | 0.0 | 0.8 |
|-----------|----|----|----|----|------|------|------|-----|-----|-----|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: WALKER LAKE

TOWNSHIP: SINCLAIR

DISTRICT: MUSKOKA

LAT/LONG: 4523/7905

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|------|-----|-------|------|-------------|-----|--|---------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | | | |

| | | | | | | | | | | | | |
|-------------|----|----|----|----|------|------|------|----|-----|-----|--|--|
| S.M. BASS * | 20 | 16 | ND | 50 | 34.2 | 26.8 | 43.2 | 79 | 0.0 | 1.0 | | |
|-------------|----|----|----|----|------|------|------|----|-----|-----|--|--|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|-----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| S.M. BASS | - | - | A | A | A | A | A | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: WALKER LAKE

TOWNSHIP: SINCLAIR

DISTRICT: MUSKOKA

LAT/LONG: 4523/7905

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|-------|-----|-------|------|-------------|-----|--|---------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | | | |

| | | | | | | | | | | | | |
|-----------|----|----|----|----|------|------|------|----|-----|-----|--|--|
| S.M. BASS | 20 | ND | ND | ND | 34.2 | 26.8 | 43.2 | 79 | 0.0 | 1.0 | | |
|-----------|----|----|----|----|------|------|------|----|-----|-----|--|--|

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PCB/MIREX DATA SUMMARIES

SOUTHEASTERN REGION



ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: ANTOINE LAKE

TOWNSHIP: PALMERSTON

DISTRICT: FRONTENAC

LAT/LONG: 4500/7644

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | 42 | 35 | 52 | 45.4 | 43.2 | 49.6 | 780 | 0.0 | 0.2 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: ANTOINE LAKE

TOWNSHIP: PALMERSTON

DISTRICT: FRONTENAC

LAT/LONG: 4500/7644

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 45.4 | 43.2 | 49.6 | 780 | 0.0 | 0.2 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CROSBY LAKE

TOWNSHIP: NORTH CROSBY

DISTRICT: LEEDS

LAT/LONG: 4445/7626

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 125 | ND | 230 | 36.6 | 27.8 | 44.0 | 808 | 0.0 | 1.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: BIG GULL LAKE

TOWNSHIP: BARRIE, CLARENDON, & KENNEBEC

DISTRICT: FRONTENAC

LAT/LONG: 4450/7658

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|------|------|-------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| WALLEYE | * 10 | 41 | 15 | 97 | 46.5 | 37.2 | 55.6 | 735 | 0.0 | 0.6 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| WALLEYE | - | - | - | - | A | A | A | A | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: BIG GULL LAKE

TOWNSHIP: BARRIE, CLARENDON & KENNEBEC

DISTRICT: FRONTENAC

LAT/LONG: 4450/7658

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|----|-------|-------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| WALLEYE | 10 | ND | ND | ND | 46.5 | 37.2 | 55.6 | 735 | 0.0 | 0.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: BLACK LAKE

TOWNSHIP: N. BURGESS

DISTRICT: LANARK

LAT/LONG: 4446/7618

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 4 | ND | ND | ND | 41.0 | 34.7 | 45.7 | 400 | 0.0 | 0.3 |
| S.M. BASS | 5 | 19 | 10 | 37 | 33.9 | 25.4 | 43.2 | 656 | 0.0 | 0.9 |
| L.M. BASS | 4 | 18 | 14 | 23 | 30.7 | 27.9 | 37.5 | 445 | 0.0 | 0.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: BLACK LAKE

TOWNSHIP: N. BURGESS

DISTRICT: LANARK

LAT/LONG: 4446/7618

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 4 | ND | ND | ND | 41.0 | 34.7 | 45.7 | 400 | 0.0 | 0.3 |
| S.M. BASS | 5 | ND | ND | ND | 33.9 | 25.4 | 43.2 | 656 | 0.0 | 0.9 |
| L.M. BASS | 4 | ND | ND | ND | 30.7 | 27.9 | 37.5 | 445 | 0.0 | 0.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: BUCKSHOT LAKE

TOWNSHIP: MILLER

DISTRICT: FRONTENAC

LAT/LONG: 4500/7704

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | 38 | 14 | 95 | 46.0 | 41.1 | 49.9 | 854 | 0.0 | 0.6 |
| S.M. BASS | 5 | 232 | 140 | 290 | 39.6 | 36.4 | 43.3 | 946 | 0.0 | 2.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CALABOGIE LAKE
TOWNSHIP: BLITHFIELD & BAGOT
DISTRICT: RENFREW
LAT/LONG: 4516/7645
YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|---------|------|------|--------|-----|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| WALLEYE | * 15 | 17 | ND | 70 | 47.8 | 38.7 | 54.6 | 886 | 0.0 | 4.5 | |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| WALLEYE | - | - | - | - | A | A | A | A | - | - |

A PCB CONCENTRATION < 2000 PPB
B PCB CONCENTRATION > 2000 PPB
- PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CALABOGIE LAKE
TOWNSHIP: BLITHFIELD & BAGOT
DISTRICT: RENFREW
LAT/LONG: 4516/7645
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100 PPB

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|---------|----|-------|--------|-----|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| WALLEYE | 15 | ND | ND | ND | 47.8 | 38.7 | 54.6 | 886 | 0.0 | 4.5 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CALABOGIE LAKE
TOWNSHIP: BLITHFIELD & BAGOT
DISTRICT: RENFREW
LAT/LONG: 4516/7645
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: EGGS
LIMIT: 2000

PPB

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|-----|-----|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |

| | | | | | | | | | | |
|--------|----|-----|-----|-----|------|------|------|-----|-----|------|
| WALEYE | 11 | 644 | 410 | 810 | 48.8 | 44.5 | 54.6 | 940 | 0.0 | 10.4 |
|--------|----|-----|-----|-----|------|------|------|-----|-----|------|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CALABOGIE LAKE
TOWNSHIP: BLITHFIELD & BAGOT
DISTRICT: RENFREW
LAT/LONG: 4516/7645
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: EGGS
LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|-----|-----|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |

| | | | | | | | | | | |
|---------|----|----|----|----|------|------|------|-----|-----|------|
| WALLEYE | 11 | ND | ND | ND | 48.8 | 44.5 | 54.6 | 940 | 0.0 | 10.4 |
|---------|----|----|----|----|------|------|------|-----|-----|------|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CARSON LAKE

TOWNSHIP: JONES & SHERWOOD

DISTRICT: RENFREW

LAT/LONG: 4530/7745

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID |
|----------|---|------|-----|---------|------|-------------|------|------|----------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| L. TROUT | 5 | 456 | 250 | 700 | 74.6 | 70.3 | 79.5 | 4086 | 0.0 | 5.0 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CARSON LAKE

TOWNSHIP: JONES & SHERWOOD

DISTRICT: RENFREW

LAT/LONG: 4530/7745

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID |
|----------|---|-------|-----|---------|------|-------------|------|------|----------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| L. TROUT | 5 | ND | ND | ND | 74.6 | 70.3 | 79.5 | 4036 | 0.0 | 5.0 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CENTENNIAL LAKE

TOWNSHIP: MATAWATCHAN

DISTRICT: RENFREW

LAT/LONG: 4509/7703

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|-----------|---|------|---------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| S.M. BASS | 5 | 147 | 37 | 400 | 32.3 | 31.0 | 33.2 | 605 | 0.0 | 1.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CENTENNIAL LAKE

TOWNSHIP: MATAWATCHAN

DISTRICT: RENFREW

LAT/LONG: 4509/7703

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|-----------|---|-------|---------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| S.M. BASS | 5 | ND | ND | ND | 32.3 | 31.0 | 33.2 | 605 | 0.0 | 1.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CHARLESTON LAKE

TOWNSHIP: LEEDS

DISTRICT: LEEDS

LAT/LONG: 4432/7600

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| B.BULLHEAD | 5 | 154 | 98 | 270 | 27.5 | 24.6 | 31.2 | 291 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE CLEAR

TOWNSHIP: SEBASTOPOL

DISTRICT: RENFREW

LAT/LONG: 4526/7712

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|---------|------|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 4 | 1273 | ND | 2230 | 60.3 | 50.8 | 71.0 | 1316 | 25.0 | 0.5 |
| L. TROUT | 2 | 1605 | 680 | 2530 | 63.9 | 48.3 | 79.5 | 2896 | 50.0 | 4.1 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE CLEAR

TOWNSHIP: SEBASTOPOL

DISTRICT: RENFREW

LAT/LONG: 4526/7712

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 4 | ND | ND | ND | 60.3 | 50.8 | 71.0 | 1316 | 0.0 | 0.5 |
| L. TROUT | 2 | ND | ND | ND | 63.9 | 48.3 | 79.5 | 2896 | 0.0 | 4.1 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CROSS LAKE (CROTCH)

TOWNSHIP: PALMERSTON

DISTRICT: FRONTENAC

LAT/LONG: 4455/7648

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|-----------|---|------|-----|--------|------|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| S.M. BASS | 5 | 123 | 20 | 250 | 31.4 | 24.6 | 49.7 | 558 | 0.0 | 0.4 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE DORE
TOWNSHIP: WILBERFORCE
DISTRICT: RENFREW
LAT/LONG: 4537/7707

TISSUE: MUSCLE
LIMIT: 2000

PPB
YEAR: 1973
SEX: -

SOURCE: MOE

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|-----------|---|------|---------|-----|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| S.M. BASS | 5 | 256 | 100 | 400 | 42.3 | 38.6 | 48.1 | 1231 | 0.0 | 1.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE DORE
TOWNSHIP: WILBERFORCE
DISTRICT: RENFREW
LAT/LONG: 4537/7707

TISSUE: MUSCLE
LIMIT: 100

PPB
YEAR: 1973
SEX: -

SOURCE: MOE

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|-----------|---|-------|---------|-----|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| S.M. BASS | 5 | ND | ND | ND | 42.3 | 38.6 | 48.1 | 1231 | 0.0 | 1.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: EAST LAKE

TOWNSHIP: ATHOL

DISTRICT: PRINCE EDWARD

LAT/LONG: 4355/7712

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | |
|-----------|---|-----|-----|-----|------|------|------|------|-----|-----|
| S.M. BASS | 5 | 230 | 150 | 360 | 43.8 | 40.5 | 47.3 | 1346 | 0.0 | 1.1 |
|-----------|---|-----|-----|-----|------|------|------|------|-----|-----|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: EAST LAKE

TOWNSHIP: ATHOL

DISTRICT: PRINCE EDWARD

LAT/LONG: 4355/7712

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|-------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | |
|-----------|---|----|----|----|------|------|------|------|-----|-----|
| S.M. BASS | 5 | ND | ND | ND | 43.8 | 40.5 | 47.3 | 1346 | 0.0 | 1.1 |
|-----------|---|----|----|----|------|------|------|------|-----|-----|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: GREEN LAKE

TOWNSHIP: LAVANT

DISTRICT: LANARK

LAT/LONG: 4509/7636

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH | | | WT.(GM) | %> | MEAN % |
|----------|---|------|--------|-----|--------|------|------|---------|-----|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |
| B. TROUT | 5 | 50 | 10 | 110 | 42.9 | 28.3 | 59.6 | 1096 | 0.0 | 4.2 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: GREEN LAKE

TOWNSHIP: LAVANT

DISTRICT: LANARK

LAT/LONG: 4509/7636

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH | | | WT.(GM) | %> | MEAN % |
|----------|---|-------|--------|-----|--------|------|------|---------|-----|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |
| B. TROUT | 5 | ND | ND | ND | 42.9 | 28.3 | 59.6 | 1096 | 0.0 | 4.2 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: KAMANISKEG LAKE

TOWNSHIP: BANGOR

DISTRICT: RENFREW

LAT/LONG: 4525/7741

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|------|--|-------|-----|-------------|-----|-----|-----------------|-------------|-----------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |

| | | | | | | | | | | | |
|----------|---|----|-----|---|------|------|------|------|------|------|-----|
| L. TROUT | * | 10 | 796 | 1 | 2440 | 65.5 | 47.5 | 89.2 | 3126 | 10.0 | 3.4 |
|----------|---|----|-----|---|------|------|------|------|------|------|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | - | - | A | A | A | A | A |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: KAMANISKEG LAKE

TOWNSHIP: BANGOR

DISTRICT: RENFREW

LAT/LONG: 4525/7741

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------|--|-------|-----|-------------|-----|-----|-----------------|-------------|-----------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |

| | | | | | | | | | | | |
|----------|----|----|----|----|----|------|------|------|------|-----|-----|
| L. TROUT | 10 | ND | ND | ND | ND | 65.5 | 47.5 | 89.2 | 3126 | 0.0 | 3.4 |
|----------|----|----|----|----|----|------|------|------|------|-----|-----|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LIMERICK LAKE

TOWNSHIP: LIMERICK

DISTRICT: HASTINGS

LAT/LONG: 4453/7737

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | 218 | 78 | 460 | 59.8 | 42.0 | 73.0 | 2644 | 0.0 | 4.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LIMERICK LAKE

TOWNSHIP: LIMERICK

DISTRICT: HASTINGS

LAT/LONG: 4453/7737

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | ND | ND | ND | 59.8 | 42.0 | 73.0 | 2644 | 0.0 | 4.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: MISSISSIPPI LAKE

TOWNSHIP: DRUMMOND, BECKWITH & RAMSAY

DISTRICT: LANARK

LAT/LONG: 4505/7610

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 9 | 2 | ND | 14 | 42.5 | 26.2 | 52.1 | 777 | 0.0 | 0.4 |
| L.M. BASS | 5 | ND | ND | ND | 30.7 | 24.1 | 34.3 | 473 | 0.0 | 0.5 |
| S.M. BASS | 5 | 3 | ND | 14 | 28.9 | 22.0 | 40.6 | 397 | 0.0 | 0.6 |
| Y. PERCH | 5 | ND | ND | ND | 24.4 | 20.8 | 25.9 | 195 | 0.0 | 0.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: MISSISSIPPI LAKE

TOWNSHIP: DRUMMOND, BECKWITH & RAMSAY

DISTRICT: LANARK

LAT/LONG: 4505/7610

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 9 | ND | ND | ND | 42.5 | 26.2 | 52.1 | 777 | 0.0 | 0.4 |
| L.M. BASS | 5 | ND | ND | ND | 30.7 | 24.1 | 34.3 | 473 | 0.0 | 0.5 |
| S.M. BASS | 5 | ND | ND | ND | 28.9 | 22.0 | 40.6 | 397 | 0.0 | 0.6 |
| Y. PERCH | 5 | ND | ND | ND | 24.4 | 20.8 | 25.9 | 195 | 0.0 | 0.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: MUSKRAT LAKE
TOWNSHIP: WESTMEATH & ROSS
DISTRICT: RENFREW
LAT/LONG: 4540/7655
YEAR: 1977
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|----------|---|------|--|--------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| L. TROUT | 5 | 307 | | 73 | 550 | 68.6 | 57.0 | 76.3 | 3662 | 0.0 | 11.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: MUSKRAT LAKE
TOWNSHIP: WESTMEATH & ROSS
DISTRICT: RENFREW
LAT/LONG: 4540/7655
YEAR: 1977
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT (GM) | %> MEAN % | LIMIT LIPID |
|----------|---|-------|--|--------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| L. TROUT | 5 | ND | | ND | ND | 68.6 | 57.0 | 76.3 | 3662 | 0.0 | 11.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: NEWBORO LAKE

TOWNSHIP: N. & S. CROSBY

DISTRICT: LEEDS

LAT/LONG: 4438/7620

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 62 | 16 | 170 | 37.7 | 30.8 | 42.6 | 764 | 0.0 | 1.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT* PCB

LOCATION* OTTAWA RIVER

TOWNSHIP: CLARENCE

DISTRICT: RUSSELL

LAT/LONG: 4534/7517

YEAR: 1978

SEX: -

Down stream of
Ottawa

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 15 | 19 | ND | 93 | 18.3 | 11.4 | 22.9 | 83 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: OTTAWA RIVER

TOWNSHIP: CLARENCE

DISTRICT: CARLETON

LAT/LONG: 4534/7517

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 15 | ND | ND | ND | 18.3 | 11.4 | 22.9 | 83 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: OTTAWA RIVER

TOWNSHIP: GLOUCESTER

SUBLOC:

DISTRICT: OTTAWA-CARLETON R.M.(UPPER & LOWER DUCK)

LAT/LONG: 4529/7535

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|-------------|--------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 15 | 20 | ND | 41 | 20.8 | 13.4 | 26.7 | 117 | 0.0 | 0.7 |
| CARP | 9 | 1442 | 120 | 3280 | 67.1 | 47.4 | 81.3 | 5325 | 33.3 | 4.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: OTTAWA RIVER

TOWNSHIP: GLOUCESTER

SUBLOC:

DISTRICT: OTTAWA-CARLETON R.M.(UPPER & LOWER DUCK)

LAT/LONG: 4529/7535

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 15 | ND | ND | ND | 20.8 | 13.4 | 26.7 | 117 | 0.0 | 0.7 |
| CARP | 9 | ND | ND | ND | 67.1 | 47.4 | 81.3 | 5325 | 0.0 | 4.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: OTTAWA RIVER

TOWNSHIP: -

DISTRICT: RENFREW

LAT/LONG: 4559/7720

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> LIMIT | MEAN % LIPID |
|---------|---|------|-----|---------|------|-------------|------|------|----------|----------|--------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| PIKE | 5 | 50 | ND | 90 | 86.7 | 72.4 | 99.0 | 4860 | 0.0 | 0.6 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: OTTAWA RIVER

TOWNSHIP: -

DISTRICT: RENFREW

LAT/LONG: 4559/7720

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> LIMIT | MEAN % LIPID |
|---------|---|-------|-----|---------|------|-------------|------|------|----------|----------|--------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| PIKE | 5 | ND | ND | ND | 86.7 | 72.4 | 99.0 | 4860 | 0.0 | 0.6 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: OTTY LAKE
TOWNSHIP: N. BURGESS
DISTRICT: LANARK
LAT/LONG: 4451/7613

TISSUE: MUSCLE
LIMIT: 2000

YEAR: 1977
SEX: -

SOURCE: MOE

PPB

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|-----------|---|------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| PIKE | 5 | 36 | ND | 93 | 59.8 | 45.7 | 81.2 | 1602 | 0.0 | 0.7 |
| S.M. BASS | 5 | 38 | ND | 85 | 32.7 | 26.1 | 41.9 | 610 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: OTTY LAKE
TOWNSHIP: N. BURGESS
DISTRICT: LANARK
LAT/LONG: 4451/7613

TISSUE: MUSCLE
LIMIT: 100

YEAR: 1977
SEX: -

SOURCE: MOE

PPB

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|-----------|---|-------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| PIKE | 5 | ND | ND | ND | 59.8 | 45.7 | 81.2 | 1602 | 0.0 | 0.7 |
| S.M. BASS | 5 | ND | ND | ND | 32.7 | 26.1 | 41.9 | 610 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: PERCY REACH

TOWNSHIP: PERCY

DISTRICT: HASTINGS

LAT/LONG: 4414/7747

YEAR: 1977

SEX: -

SUBLOC: PR
(PERCY REACH)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 10 | 65 | 20 | 120 | 60.0 | 51.5 | 69.9 | 2127 | 0.0 | 1.6 |
| PIKE | 5 | 62 | 32 | 83 | 59.0 | 48.5 | 68.5 | 1220 | 0.0 | 0.7 |
| CARP | 8 | 206 | 20 | 600 | 65.7 | 52.3 | 76.3 | 4908 | 0.0 | 2.7 |
| Y. PERCH | 15 | 49 | 13 | 102 | 21.7 | 16.7 | 28.6 | 132 | 0.0 | 0.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: PERCY REACH

TOWNSHIP: PERCY

DISTRICT: HASTINGS

LAT/LONG: 4414/7747

YEAR: 1977

SEX: -

SUBLOC: PR
(PERCY REACH)

TISSUE: MUSCLE

LIMIT: 100

PPB

SOURCE: MOE

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 10 | ND | ND | ND | 60.0 | 51.5 | 69.9 | 2127 | 0.0 | 1.6 |
| PIKE | 5 | ND | ND | ND | 59.0 | 48.5 | 68.5 | 1220 | 0.0 | 0.7 |
| CARP | 8 | ND | ND | ND | 65.7 | 52.3 | 76.3 | 4908 | 0.0 | 2.7 |
| Y. PERCH | 15 | ND | ND | ND | 21.7 | 16.7 | 28.6 | 132 | 0.0 | 0.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: PIKE LAKE

TOWNSHIP: N.BURGESS

DISTRICT: LANARK

LAT/LONG: 4447/7621

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 31 | 13 | 51 | 36.4 | 32.5 | 39.8 | 715 | 0.0 | 1.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: PIKE LAKE

TOWNSHIP: N.BURGESS

DISTRICT: LANARK

LAT/LONG: 4447/7621

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | ND | ND | ND | 36.4 | 32.5 | 39.8 | 715 | 0.0 | 1.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: RAISIN RIVER
TOWNSHIP: CHARLOTTENBURG
DISTRICT: GLENGARRY
LAT/LONG: 4510/7440
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|------|------|-------|------|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| WALLEYE | * 15 | 717 | 150 | 3950 | 53.1 | 38.4 | 65.1 | 1748 | 6.7 | 1.0 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| WALLEYE | - | - | - | - | A | A | A | A | A | - |

A PCB CONCENTRATION < 2000 PPB
B PCB CONCENTRATION > 2000 PPB
- PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: RAISIN RIVER
TOWNSHIP: CHARLOTTENBURG
DISTRICT: GLENGARRY
LAT/LONG: 4510/7440
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|----|-------|-------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| WALLEYE | 15 | 41 | ND | 180 | 53.1 | 38.4 | 65.1 | 1748 | 6.7 | 1.0 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: RAISIN RIVER
TOWNSHIP: CHARLOTTENBURG
DISTRICT: GLENGARRY
LAT/LONG: 4510/7440
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: EGGS

LIMIT: 2000

PPB

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|---------|---|------|--------|-----|-------------|-----|-----|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |

| | | | | | | | | | | |
|---------|---|------|------|------|------|------|------|------|-------|------|
| WALLEYE | 5 | 4108 | 2810 | 6000 | 60.7 | 54.9 | 65.1 | 2458 | 100.0 | 10.7 |
|---------|---|------|------|------|------|------|------|------|-------|------|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: RAISIN RIVER
TOWNSHIP: CHARLOTTENBURG
DISTRICT: GLENGARRY
LAT/LONG: 4510/7440
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: EGGS

LIMIT: 100

PPB

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|---------|---|-------|--------|-----|-------------|-----|-----|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |

| | | | | | | | | | | |
|---------|---|----|----|----|------|------|------|------|-----|------|
| WALLEYE | 5 | ND | ND | ND | 60.7 | 54.9 | 65.1 | 2458 | 0.0 | 10.7 |
|---------|---|----|----|----|------|------|------|------|-----|------|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: RIDEAU RIVER

TOWNSHIP: RIDEAU

DISTRICT: OTTAWA-CARLETON R. M.

LAT/LONG: 4503/7541

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> LIMIT | MEAN % LIPID |
|-------------|----|------|-----|--------|-----|-------------|------|------|---------|----------|--------------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | | | |
| CARP | 5 | 52 | 20 | 75 | | 60.3 | 30.7 | 76.4 | 3855 | 0.0 | 2.5 |
| PIKE | 17 | 74 | ND | 390 | | 30.2 | 29.2 | 72.6 | 696 | 0.0 | 0.4 |
| S.M. BASS | 6 | 118 | 65 | 150 | | 35.3 | 25.7 | 49.3 | 1477 | 0.0 | 0.6 |
| L.M. BASS | 6 | 70 | 34 | 140 | | 36.5 | 24.5 | 45.6 | 799 | 0.0 | 0.4 |
| R. BASS | 17 | 70 | 17 | 200 | | 16.7 | 12.3 | 23.0 | 109 | 0.0 | 0.3 |
| B. CRAPPIE | 20 | 44 | ND | 130 | | 21.0 | 16.1 | 26.5 | 152 | 0.0 | 0.3 |
| Y. PERCH | 14 | 47 | 22 | 95 | | 18.1 | 12.4 | 24.4 | 69 | 0.0 | 0.4 |
| B.BULLHEAD* | 20 | 39 | 16 | 65 | | 26.3 | 19.9 | 31.5 | 221 | 0.0 | 0.8 |
| WALLEYE | 20 | 139 | ND | 380 | | 49.3 | 36.5 | 70.2 | 1257 | 0.0 | 0.4 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| B.BULLHEAD | - | A | A | A | A | - | - | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: RIDEAU RIVER

TOWNSHIP: RIDEAU

DISTRICT: OTTAWA-CARLETON R.M.

LAT/LONG: 4503/7541

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 6 | ND | ND | ND | 35.3 | 25.7 | 49.3 | 696 | 0.0 | 0.6 |
| L.M. BASS | 6 | ND | ND | ND | 36.5 | 24.5 | 45.6 | 799 | 0.0 | 0.4 |
| R. BASS | 17 | ND | ND | ND | 16.7 | 12.3 | 23.0 | 109 | 0.0 | 0.3 |
| G. CRAPPIE | 20 | ND | ND | ND | 21.0 | 16.1 | 26.5 | 152 | 0.0 | 0.3 |
| Y. PERCH | 14 | ND | ND | ND | 18.1 | 12.4 | 24.4 | 69 | 0.0 | 0.4 |
| B.BULLHEAD | 20 | ND | ND | ND | 26.3 | 19.9 | 31.5 | 221 | 0.0 | 0.8 |
| CARP | 5 | ND | ND | ND | 60.3 | 30.7 | 76.4 | 3855 | 0.0 | 2.5 |
| WALLEYE | 20 | ND | ND | ND | 49.3 | 36.5 | 70.2 | 1257 | 0.0 | 0.4 |
| PIKE | 17 | ND | ND | 56 | 60.2 | 29.2 | 72.6 | 1477 | 0.0 | 0.4 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: PIDEAU RIVER

TOWNSHIP: OTTAWA

DISTRICT: CARLETON

LAT/LONG: 4451/7553

TISSUE: MUSCLE

YEAR: 1977

SOURCE: BOB

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (G) | %> | MEAN % |
|-----------|----|------|-----|---------|------|-------------|------|------|---------|-----|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| WALLEYE | 2 | 175 | 130 | 220 | 61.4 | 57.5 | 65.3 | 2525 | 0.0 | 0.5 | |
| L.M. BASS | 15 | 164 | ND | 1630 | 40.8 | 29.2 | 46.6 | 1191 | 0.0 | 0.6 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: PIDEAU RIVER

TOWNSHIP: OTTAWA

DISTRICT: CARLETON

LAT/LONG: 4451/7553

TISSUE: MUSCLE

YEAR: 1977

SOURCE: BOB

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (G) | %> | MEAN % |
|-----------|----|-------|-----|---------|------|-------------|------|------|---------|-----|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| WALLEYE | 2 | ND | ND | ND | 61.4 | 57.5 | 65.3 | 2525 | 0.0 | 0.5 | |
| L.M. BASS | 15 | ND | ND | ND | 40.8 | 29.2 | 46.6 | 1191 | 0.0 | 0.6 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: ROUND LAKE

TOWNSHIP: RICHARDS & HAGARTY

DISTRICT: RENFREW

LAT/LONG: 4538/7730

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | |
|----------|---|------|---------|-----|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | LIMIT LIPID |
| L. TROUT | 4 | 633 | 500 | 730 | 75.9 | 73.2 | 80.0 | 3813 | 0.0 | 4.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: ROUND LAKE

TOWNSHIP: RICHARDS & HAGARTY

DISTRICT: RENFREW

LAT/LONG: 4538/7730

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | |
|----------|---|-------|---------|-----|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | LIMIT LIPID |
| L. TROUT | 4 | ND | ND | ND | 75.9 | 73.2 | 80.0 | 3813 | 0.0 | 4.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: SILVER LAKE
TOWNSHIP: S.SHERBROOKE
DISTRICT: LANARK
LAT/LONG: 4450/7636

TISSUE: MUSCLE
LIMIT: 2000

YEAR: 1978
SEX: -

SOURCE: MOE

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | MEAN % |
|-----------|---|------|---------|-----|-------------|------|------|----------|-----------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| S.M. BASS | 5 | 79 | 31 | 150 | 40.8 | 34.0 | 48.5 | 1104 | 0.0 | 1.1 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: SKOOTAMATTA LAKE

TOWNSHIP: ANGLESEA

DISTRICT: LENNOX & ADDINGTON

LAT/LONG: 4450/7716

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|---------|----|------|--------|-----|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| WALLEYE | 14 | 62 | 21 | 130 | 54.3 | 45.7 | 63.5 | 1322 | 0.0 | 0.9 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: SKOOTAMATTA LAKE

TOWNSHIP: ANGLESEA

DISTRICT: LENNOX & ADDINGTON

LAT/LONG: 4450/7716

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|---------|----|-------|--------|-----|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| WALLEYE | 14 | ND | ND | ND | 54.3 | 45.7 | 63.5 | 1322 | 0.0 | 0.9 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: SKOOTAMATTA LAKE

TOWNSHIP: ANGLESEA

DISTRICT: LENNOX & ADDINGTON

LAT/LONG: 4450/7716

YEAR: 1978

SOURCE: MOE

TISSUE: EGGS

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 2 | 430 | 390 | 470 | 61.9 | 60.3 | 63.5 | 1996 | 0.0 | 8.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: SKOOTAMATTA LAKE

TOWNSHIP: ANGLESEA

DISTRICT: LENNOX & ADDINGTON

LAT/LONG: 4450/7716

YEAR: 1978

SOURCE: MOE

TISSUE: EGGS

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 2 | ND | ND | ND | 61.9 | 60.3 | 63.5 | 1996 | 0.0 | 8.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: SOUTH NATION RIVER

TOWNSHIP:

DISTRICT: DUNDAS, STORMONT & RUSSELL

LAT/LONG: 4519/7507

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | 45 | 30 | 83 | 57.3 | 46.4 | 68.9 | 2089 | 0.0 | 0.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: SOUTH NATION RIVER

TOWNSHIP:

DISTRICT: DUNDAS, STORMONT & RUSSELL

LAT/LONG: 4519/7507

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 57.3 | 46.4 | 68.9 | 2089 | 0.0 | 0.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: WABUN LAKE

TOWNSHIP: BROUGHAM

DISTRICT: RENFREW

LAT/LONG: 4514/7650

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|------|---------|-----|-------------|-----|-----|---------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |

| | | | | | | | | | | | |
|----------|---|-----|-----|-----|------|------|------|------|-----|-----|--|
| L. TROUT | 2 | 230 | 200 | 260 | 72.5 | 72.0 | 73.0 | 3479 | 0.0 | 5.2 | |
|----------|---|-----|-----|-----|------|------|------|------|-----|-----|--|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: WABUN LAKE

TOWNSHIP: BROUGHAM

DISTRICT: RENFREW

LAT/LONG: 4514/7650

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|-------|---------|-----|-------------|-----|-----|---------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |

| | | | | | | | | | | | |
|----------|---|----|----|----|------|------|------|------|-----|-----|--|
| L. TROUT | 2 | ND | ND | ND | 72.5 | 72.0 | 73.0 | 3479 | 0.0 | 5.2 | |
|----------|---|----|----|----|------|------|------|------|-----|-----|--|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: WEST LAKE
TOWNSHIP: HALLOWELL
DISTRICT: PRINCE EDWARD
LAT/LONG: 4356/7717
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000 PPB

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|----------|---|------|-----|-------|------|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| Y. PERCH | 5 | 141 | 56 | 200 | 17.5 | 14.7 | 21.5 | 57 | 0.0 | 0.8 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: WEST LAKE
TOWNSHIP: HALLOWELL
DISTRICT: PRINCE EDWARD
LAT/LONG: 4356/7717
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100 PPB

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|----------|---|-------|-----|-------|------|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| Y. PERCH | 5 | ND | ND | ND | 17.5 | 14.7 | 21.5 | 57 | 0.0 | 0.8 | |

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PCB/MIREX DATA SUMMARIES

NORTHEASTERN REGION



ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: ABITIBI RIVER

TOWNSHIP: -

DISTRICT: COCHRANE

LAT/LONG: 4846/8041

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|-------------|---------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 30 | 212 | ND | 1430 | 44.9 | 33.3 | 60.0 | 1063 | 0.0 | 0.5 |
| PIKE | 30 | 151 | ND | 1280 | 64.1 | 34.7 | 90.6 | 2086 | 0.0 | 0.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: ABITIBI RIVER

TOWNSHIP:

DISTRICT: COCHRANE

LAT/LONG: 4952/8134

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|----|------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| GOLDEYE | 15 | 54 | ND | 200 | 34.8 | 30.0 | 41.0 | 433 | 0.0 | 6.5 |
| WALLEYE | 5 | 4 | ND | 10 | 45.9 | 31.3 | 64.5 | 1212 | 0.0 | 0.3 |
| PIKE | 2 | 5 | ND | 10 | 73.0 | 52.6 | 93.4 | 3714 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: AYLEN LAKE

TOWNSHIP: DICKENS

DISTRICT: NIPISSING

LAT/LONG: 4537/7751

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | |
|----------|---|----|----|----|------|------|------|------|-----|-----|
| L. TROUT | 9 | 50 | 10 | 90 | 51.7 | 32.0 | 72.0 | 1791 | 0.0 | 3.8 |
|----------|---|----|----|----|------|------|------|------|-----|-----|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: AYLEN LAKE

TOWNSHIP: DICKENS

DISTRICT: NIPISSING

LAT/LONG: 4537/7751

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|-------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | |
|----------|---|----|----|----|------|------|------|------|-----|-----|
| L. TROUT | 9 | ND | ND | ND | 51.7 | 32.0 | 72.0 | 1791 | 0.0 | 3.8 |
|----------|---|----|----|----|------|------|------|------|-----|-----|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: BERNARD LAKE

TOWNSHIP: STRONG

DISTRICT: PARRY SOUND

LAT/LONG: 4545/7923

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | MEAN % |
|---------|---|------|-----|-------|------|-------------|-----|------|---------|-----------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | | |

| | | | | | | | | | | | |
|----------|---|----|-----|----|-----|------|------|------|------|-----|-----|
| L. TROUT | * | 32 | 264 | 50 | 480 | 58.1 | 45.0 | 66.0 | 2423 | 0.0 | 6.4 |
|----------|---|----|-----|----|-----|------|------|------|------|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|

| | | | | | | | | | | |
|----------|---|---|---|---|---|---|---|---|---|---|
| L. TROUT | - | - | - | - | - | A | A | A | A | - |
|----------|---|---|---|---|---|---|---|---|---|---|

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: BERNARD LAKE

TOWNSHIP: STRONG

DISTRICT: PARRY SOUND

LAT/LONG: 4545/7923

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | MEAN % |
|---------|---|-------|-----|-------|------|-------------|-----|------|---------|-----------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | | |

| | | | | | | | | | | |
|----------|----|----|----|----|------|------|------|------|-----|-----|
| L. TROUT | 32 | ND | ND | ND | 58.1 | 45.0 | 66.0 | 2423 | 0.0 | 6.4 |
|----------|----|----|----|----|------|------|------|------|-----|-----|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: BUCK (McCANN) LAKE

TOWNSHIP: PROUDFOOT

DISTRICT: NIPISSING

LAT/LONG: 4541/7910

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | 111 | 15 | 220 | 48.0 | 40.0 | 62.0 | 1040 | 0.0 | 1.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: BUCK (McCANN) LAKE

TOWNSHIP: PROUDFOOT

DISTRICT: NIPISSING

LAT/LONG: 4541/7910

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | ND | ND | ND | 48.0 | 40.0 | 62.0 | 1040 | 0.0 | 1.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CHAPLEAU RIVER

TOWNSHIP: COCHRANE

DISTRICT: SUDBURY

LAT/LONG: 4748/8326

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 13 | 32 | ND | 140 | 52.3 | 38.0 | 57.5 | 854 | 0.0 | 0.6 |
| WALLEYE | 4 | 157 | 7 | 320 | 43.4 | 26.0 | 68.0 | 1263 | 0.0 | 0.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CHAPLEAU RIVER

TOWNSHIP: COCHRANE

DISTRICT: SUDBURY

LAT/LONG: 4748/8326

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 13 | ND | ND | ND | 52.3 | 38.0 | 57.5 | 854 | 0.0 | 0.6 |
| WALLEYE | 4 | ND | ND | ND | 43.4 | 26.0 | 68.0 | 1263 | 0.0 | 0.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: COMMANDO LAKE

TOWNSHIP: GLACKMEYER

DISTRICT: COCHRANE

LAT/LONG: 4904/8101

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 6 | 623 | 310 | 810 | 50.2 | 39.3 | 58.7 | 1023 | 0.0 | 2.4 |
| PIKE | 1 | 2800 | - | - | 77.6 | - | - | 4199 | 100.0 | 0.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: DICKSON LAKE

TOWNSHIP: DICKSON

DISTRICT: NIPPISSING

LAT/LONG: 4547/7812

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| B. TROUT | 10 | 137 | 66 | 250 | 42.0 | 37.0 | 48.7 | 851 | 0.0 | 2.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: DICKSON LAKE

TOWNSHIP: DICKSON

DISTRICT: NIPPISSING

LAT/LONG: 4547/7812

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| B. TROUT | 10 | ND | ND | ND | 42.0 | 37.0 | 48.7 | 851 | 0.0 | 2.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: EMERALD LAKE

TOWNSHIP: BORDEN

DISTRICT: SUDBURY

LAT/LONG: 4753/8313

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 2 | 100 | 45 | 155 | 39.8 | 36.0 | 43.5 | 625 | 0.0 | 3.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: FRED. HOUSE LAKE
TOWNSHIP: EVELYN & DUNDONALD
DISTRICT: COCHRANE
LAT/LONG: 4839/8055
YEAR: 1977
SEX: -

TISSUE: MUSCLE
LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 16 | 1 | ND | 20 | 44.9 | 35.5 | 54.2 | 682 | 0.0 | 0.6 |
| GOLDEYE | 14 | 18 | ND | 53 | 36.2 | 32.7 | 40.9 | 512 | 0.0 | 4.1 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: FRED.HOUSE RIVER

TOWNSHIP: LEITCH

DISTRICT: COCHRANE

LAT/LONG: 4911/8109

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 12 | 3 | ND | 38 | 39.9 | 29.5 | 54.5 | 742 | 0.0 | 0.4 |
| STURGEON | 3 | ND | ND | ND | 59.2 | 49.4 | 78.7 | 1277 | 0.0 | 0.2 |
| PIKE | 7 | 3 | ND | 20 | 62.0 | 46.3 | 86.6 | 1629 | 0.0 | 0.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: KENOGAMISSI LAKE

TOWNSHIP: -

DISTRICT: TIMISKAMING

LAT/LONG: 4815/8133

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

SPECIES

N

PCB

(PPB)

LENGTH (CM)

WT.(GM)

%>

MEAN %

MEAN

MIN

MAX

MEAN MIN MAX

MEAN

LIMIT

LIPID

WHITEFISH

20

9

ND

45

38.7 24.1 49.5

668

0.0

2.0

WALLEYE

6

5

ND

15

40.7 33.0 48.3

698

0.0

1.0

PIKE

5

20

10

38

61.5 54.6 72.4

1526

0.0

0.5

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: KENOGAMISSI LAKE

TOWNSHIP: -

DISTRICT: TIMISKAMING

LAT/LONG: 4815/8133

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

SPECIES

N

MIREX

(PPB)

LENGTH (CM)

WT.(GM)

%>

MEAN %

MEAN

MIN

MAX

MEAN MIN MAX

MEAN

LIMIT

LIPID

WHITEFISH

20

ND

ND

ND

38.7 24.1 49.5

668

0.0

2.0

WALLEYE

6

ND

ND

ND

40.7 33.0 48.3

698

0.0

1.0

PIKE

5

ND

ND

ND

61.5 54.6 72.4

1526

0.0

0.5

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: MAG PIE RIVER

TOWNSHIP:

DISTRICT: ALGOMA

LAT/LONG: 48 22/84 33

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|-------|-------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 5 | ND | ND | ND | 44.13 | 33.19 | 50.15 | 566 | 0.10 | 0.6 |
| WALLEYE | 8 | 10 | ND | 20 | 31.9 | 10.4 | 51.7 | 483 | 0.0 | 0.4 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: MATTAGAMI RIVER

TOWNSHIP: KENDRY

DISTRICT: COCHRANE

LAT/LONG: 4917/8138

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % | |
|----------|---|------|--------|-----|-------------|------|------|---------|-------|--------|-----|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| WALLEYE | * | 25 | 6 | ND | 34 | 43.5 | 27.9 | 72.2 | 952 | 0.0 | 0.4 |
| PIKE | | 5 | ND | ND | ND | 49.5 | 41.4 | 56.2 | 702 | 0.0 | 0.2 |
| STURGEON | | 8 | 48 | ND | 210 | 86.1 | 47.4 | 123.7 | 4356 | 0.0 | 3.4 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| WALLEYE | - | - | A | A | A | A | A | A | A | A |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: MATTAGAMI RIVER

TOWNSHIP: -

DISTRICT: COCHRANE

LAT/LONG: 5043/8129

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | 19 | ND | 63 | 29.7 | 21.6 | 44.5 | 276 | 0.0 | 0.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: MATTAGAMI RIVER

TOWNSHIP: -

DISTRICT: COCHRANE

LAT/LONG: 5043/8129

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 29.7 | 21.6 | 44.5 | 276 | 0.0 | 0.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: MOOSE LAKE

TOWNSHIP: BOND

DISTRICT: COCHRANE

LAT/LONG: 4830/8044

YEAR: 1977

SEX: -

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 11 | 1 | ND | 12 | 39.2 | 26.0 | 52.5 | 563 | 0.0 | 0.4 |
| PIKE | 7 | 2 | ND | 10 | 51.0 | 41.0 | 64.0 | 807 | 0.0 | 2.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: MOOSE LAKE

TOWNSHIP: BOND

DISTRICT: COCHRANE

LAT/LONG: 4830/8044

YEAR: 1977

SEX: -

TISSUE: MUSCLE

LIMIT: 100

PPB

SOURCE: MOE

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 11 | ND | ND | ND | 39.2 | 26.0 | 52.5 | 563 | 0.0 | 0.4 |
| PIKE | 7 | ND | ND | ND | 51.0 | 41.0 | 64.0 | 807 | 0.0 | 2.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: Nighthawk Lake

TOWNSHIP: -

DISTRICT: COCHRANE

LAT/LONG: 4828/8058

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 35.5 | 25.4 | 47.0 | 502 | 0.0 | 0.6 |
| PIKE | 8 | ND | ND | ND | 62.6 | 33.0 | 94.0 | 1328 | 0.0 | 0.4 |
| SAUGER | 5 | ND | ND | ND | 26.6 | 22.8 | 31.7 | 255 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: Nighthawk Lake

TOWNSHIP: -

DISTRICT: COCHRANE

LAT/LONG: 4828/8058

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 35.5 | 25.4 | 47.0 | 502 | 0.0 | 0.6 |
| PIKE | 8 | ND | ND | ND | 62.6 | 33.0 | 94.0 | 1328 | 0.0 | 0.4 |
| SAUGER | 5 | ND | ND | ND | 26.6 | 22.8 | 31.7 | 255 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: OASTLER LAKE

TOWNSHIP: FOLEY

DISTRICT: PARRY SOUND

LAT/LONG: 4519/7958

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 140 | 100 | 180 | 34.4 | 31.6 | 43.0 | 640 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: OASTLER LAKE

TOWNSHIP: FOLEY

DISTRICT: PARRY SOUND

LAT/LONG: 4519/7958

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | ND | ND | ND | 34.4 | 31.6 | 43.0 | 640 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: OPEONGO LAKE

TOWNSHIP: BOWER, DICKSON & SPROULE

DISTRICT: NIPISSING

LAT/LONG: 4542/7823

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 12 | 238 | 74 | 490 | 44.0 | 30.3 | 65.0 | 1281 | 0.0 | 4.4 |
| S.M. BASS | 24 | 15 | ND | 50 | 31.2 | 23.3 | 41.3 | 481 | 0.0 | 0.9 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: OPEONGO LAKE

TOWNSHIP: BOWER, DICKSON & SPROULE

DISTRICT: NIPISSING

LAT/LONG: 4542/7823

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 12 | ND | ND | ND | 44.0 | 30.3 | 65.0 | 1281 | 0.0 | 4.4 |
| S.M. BASS | 24 | ND | ND | ND | 31.2 | 23.3 | 41.3 | 481 | 0.0 | 0.9 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: OPISHING LAKE
TOWNSHIP: KEEFER & HILLARY
DISTRICT: TIMISKAMING
LAT/LONG: 4817/8151
YEAR: 1977
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 12 | 1 | ND | 10 | 29.5 | 19.0 | 41.9 | 230 | 0.0 | 0.5 |
| PIKE | 19 | 1 | ND | 18 | 46.6 | 40.6 | 57.1 | 565 | 0.0 | 0.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: OPISHING LAKE
TOWNSHIP: KEEFER & HILLARY
DISTRICT: TIMISKAMING
LAT/LONG: 4817/8151
YEAR: 1977
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 12 | ND | ND | ND | 29.5 | 19.0 | 41.9 | 230 | 0.0 | 0.5 |
| PIKE | 19 | ND | ND | ND | 46.6 | 40.6 | 57.1 | 565 | 0.0 | 0.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: PAPAKOMEKA LAKE

TOWNSHIP: ADAMS & McARTHUR

DISTRICT: TIMMISKAMING

LAT/LONG: 4816/8118

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (G) | %> | MEAN % |
|-----------|------|------|--|--------|-----|-------------|------|------|---------|-----|-------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | LIMIT LIPID |
| PIKE | * 17 | 6 | | ND | 40 | 47.3 | 22.8 | 63.5 | 788 | 0.0 | 0.5 |
| WHITEFISH | 2 | 10 | | ND | 20 | 41.9 | 39.3 | 44.4 | 960 | 0.0 | 0.9 |
| WALLEYE | 2 | 10 | | ND | 20 | 36.2 | 27.9 | 44.4 | 605 | 0.0 | 1.2 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-16 | 16-18 | 18-22 | 22-26 | >30 |
| PIKE | - | - | A | A | A | A | A | A | A | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: PAPAKOMEKA LAKE

TOWNSHIP: ADAMS & McARTHUR

DISTRICT: TIMMISKAMING

LAT/LONG: 4816/8118

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (G) | %> | MEAN % |
|-----------|----|-------|--|--------|-----|-------------|------|------|---------|-----|-------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | LIMIT LIPID |
| PIKE | 17 | ND | | ND | ND | 47.3 | 22.8 | 63.5 | 788 | 0.0 | 0.5 |
| WHITEFISH | 2 | ND | | ND | ND | 41.9 | 39.3 | 44.4 | 960 | 0.0 | 0.9 |
| WALLEYE | 2 | ND | | ND | ND | 36.2 | 27.9 | 44.4 | 605 | 0.0 | 1.2 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: ROUND LAKE
TOWNSHIP: OTTO & MARQUIS
DISTRICT: TIMISKAMING
LAT/LONG: 4801/8002
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|-----|-----|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |

| | | | | | | | | | | |
|--------|---|----|----|----|------|------|------|------|-----|-----|
| BURBOT | 5 | ND | ND | ND | 67.6 | 55.9 | 83.8 | 2736 | 0.0 | 0.4 |
|--------|---|----|----|----|------|------|------|------|-----|-----|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: ROUND LAKE
TOWNSHIP: OTTO & MARQUIS
DISTRICT: TIMISKAMING
LAT/LONG: 4801/8002
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|-----|-----|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |

| | | | | | | | | | | |
|--------|---|----|----|----|------|------|------|------|-----|-----|
| BURBOT | 5 | ND | ND | ND | 67.6 | 55.9 | 83.8 | 2736 | 0.0 | 0.4 |
|--------|---|----|----|----|------|------|------|------|-----|-----|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: ROUND LAKE
TOWNSHIP: MCMURRICH
DISTRICT: PARRY SOUND
LAT/LONG: 4528/7924

TISSUE: MUSCLE
LIMIT: 2000

PPB

YEAR: 1978
SEX: -

SOURCE: MOE

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID |
|---------|---|------|-----|---------|------|-------------|-----|--|----------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |

| | | | | | | | | | | |
|-------------|----|-----|----|-----|------|------|------|-----|-----|-----|
| S.M. BASS * | 17 | 116 | 20 | 240 | 35.7 | 23.6 | 44.7 | 841 | 0.0 | 1.4 |
|-------------|----|-----|----|-----|------|------|------|-----|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|-----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| S.M. BASS | - | - | A | A | A | A | A | - | - | - |

A PCB CONCENTRATION < 2000 PPB
B PCB CONCENTRATION > 2000 PPB
- PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: ROUND LAKE
TOWNSHIP: MCMURRICH
DISTRICT: PARRY SOUND
LAT/LONG: 4528/7924

TISSUE: MUSCLE
LIMIT: 100

PPB

YEAR: 1978
SEX: -

SOURCE: MOE

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID |
|---------|---|-------|-----|---------|------|-------------|-----|--|----------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |

| | | | | | | | | | | |
|-----------|----|----|----|----|------|------|------|-----|-----|-----|
| S.M. BASS | 17 | ND | ND | ND | 35.7 | 23.6 | 44.7 | 841 | 0.0 | 1.4 |
|-----------|----|----|----|----|------|------|------|-----|-----|-----|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: ROUND LAKE
TOWNSHIP: MCMURRICH
DISTRICT: PARRY SOUND
LAT/LONG: 4528/7924
YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|-----------|---|------|---------|-----|-------------|------|------|---------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | |
| S.M. BASS | 6 | 192 | 71 | 360 | 39.9 | 33.7 | 44.7 | 1203 | 0.0 2.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: ROUND LAKE
TOWNSHIP: MCMURRICH
DISTRICT: PARRY SOUND
LAT/LONG: 4528/7924
YEAR: 1978
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100 PPB

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|-----------|---|-------|---------|-----|-------------|------|------|---------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | |
| S.M. BASS | 6 | ND | ND | ND | 39.9 | 33.7 | 44.7 | 1203 | 0.0 2.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: RYAN LAKE

TOWNSHIP: PRESTON & CLANCY

DISTRICT: NIPISSING

LAT/LONG: 45 41/78 06

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | % > LIMIT | MEAN % LIPID |
|---------|----|-------------|--------|-----|-------------|------|------|------------------|--------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| SPLAKE | 17 | 70 | ND | 350 | 37.1 | 32.5 | 44.6 | 454 | 0.0 | 2.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: RYAN LAKE

TOWNSHIP: PRESTON & CLANCY

DISTRICT: NIPISSING

LAT/LONG: 45 41/78 06

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPE SEX: -

| SPECIES | N | MIREX MEAN | (PPE) | | LENGTH (CM) | | | WT. (GM) MEAN | % > LIMIT | MEAN % LIPID |
|---------|----|---------------|--------|-----|-------------|------|------|------------------|--------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| SPLAKE | 17 | ND | ND | ND | 37.1 | 32.5 | 44.6 | 454 | 0.0 | 2.3 |

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ONTARIO MINISTFY OF THE ENVIRONMENT

LABOPATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: TFOUT LAKE

TOWNSHIP: HOSKIN & CHERRIMAN

DISTFICT: SUDBURY

LAT/LONG: 4613/8035

TISSUE: MUSCLE

YEAR: 1978

SOUFCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID | |
|----------|---|------|---------|-----|-------------|------|------|----------|--------------------------|-----|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| L. TFOUT | 5 | 127 | 96 | 150 | 51.1 | 39.0 | 56.9 | 2220 | 0.0 | 0.7 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: VERMILION LAKE

TOWNSHIP: FAIRBANK

DISTRICT: SUDBURY

LAT/LONG: 4630/8126

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 20 | 2 | ND | 30 | 45.6 | 36.1 | 54.5 | 745 | 0.0 | 0.3 |
| S.M. BASS | 8 | 15 | ND | 44 | 28.9 | 18.9 | 38.9 | 344 | 0.0 | 1.2 |
| Y. PERCH | 20 | 13 | ND | 52 | 19.7 | 15.1 | 27.9 | 110 | 0.0 | 0.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: VERMILION LAKE

TOWNSHIP: FAIRBANK

DISTRICT: SUDBURY

LAT/LONG: 4630/8126

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 20 | ND | ND | ND | 45.6 | 36.1 | 54.5 | 745 | 0.0 | 0.3 |
| S.M. BASS | 8 | ND | ND | ND | 28.9 | 18.9 | 38.9 | 344 | 0.0 | 1.2 |
| Y. PERCH | 20 | ND | ND | ND | 19.7 | 15.1 | 27.9 | 110 | 0.0 | 0.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: WABAGISHI K LAKE

TOWNSHIP: FOSTER & NAIRN

DISTRICT: SUDBURY

LAT/LONG: 4618/8135

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 154 | 72 | 220 | 29.3 | 23.0 | 35.5 | 400 | 0.0 | 0.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: WABAGISHI K LAKE

TOWNSHIP: FOSTER & NAIRN

DISTRICT: SUDBURY

LAT/LONG: 4618/8135

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | ND | ND | ND | 29.3 | 23.0 | 35.5 | 400 | 0.0 | 0.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE WANAPITEI

TOWNSHIP: -

DISTRICT: SUDBURY

LAT/LONG: 4645/8045

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|------|------|-----|--------|-----|-------------|------|------|---------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | | | | |
| PIKE | * 25 | 7 | ND | 54 | | 54.5 | 37.2 | 75.2 | 1253 | 0.0 | 0.3 | |
| WALLEYE | * 22 | 3 | ND | 20 | | 35.3 | 25.0 | 46.0 | 479 | 0.0 | 0.8 | |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| PIKE | - | - | - | - | A | A | A | A | A | A |
| WALLEYE | - | - | A | A | A | A | A | - | - | - |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE WANAPITEI

TOWNSHIP: -

DISTRICT: SUDBURY

LAT/LONG: 4645/8045

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|----|-------|-----|--------|-----|-------------|------|------|---------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | | | | |
| PIKE | 25 | ND | ND | ND | | 54.5 | 37.2 | 75.2 | 1253 | 0.0 | 0.3 | |
| WALLEYE | 22 | ND | ND | ND | | 35.3 | 25.0 | 46.0 | 479 | 0.0 | 0.8 | |

PCB/MIREX DATA SUMMARIES

NORTHWESTERN REGION



ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT* PCB

LOCATION* ARAMIS LAKE

TOWNSHIP: -

DISTRICT: RAINY RIVER

LAT/LONG: 4844/9123

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | 5 | ND | 27 | 51.8 | 48.0 | 56.0 | 1350 | 0.0 | 0.6 |
| PIKE | 5 | ND | ND | ND | 52.9 | 49.6 | 55.0 | 750 | 0.0 | 0.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: ARAMIS LAKE

TOWNSHIP: -

DISTRICT: RAINY RIVER

LAT/LONG: 4844/9123

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 51.8 | 48.0 | 56.0 | 1350 | 0.0 | 0.6 |
| PIKE | 5 | ND | ND | ND | 52.9 | 49.6 | 55.0 | 750 | 0.0 | 0.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: BENDING LAKE

TOWNSHIP: -

DISTRICT: KENORA

LAT/LONG: 4919/9208

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | 145 | 34 | 190 | 64.0 | 45.0 | 71.5 | 2295 | 0.0 | 3.1 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: BENDING LAKE

TOWNSHIP: -

DISTRICT: KENORA

LAT/LONG: 4919/9208

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 5 | ND | ND | ND | 64.0 | 45.0 | 71.5 | 2295 | 0.0 | 3.1 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CHUB LAKE

TOWNSHIP: -

DISTRICT: RAINY RIVER

LAT/LONG: 4845/9155

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 49.5 | 48.4 | 50.6 | 1103 | 0.0 | 2.0 |
| PIKE | 5 | ND | ND | ND | 63.1 | 61.0 | 66.8 | 1715 | 0.0 | 0.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CHUB LAKE

TOWNSHIP: -

DISTRICT: RAINY RIVER

LAT/LONG: 4845/9155

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 49.5 | 48.4 | 50.6 | 1103 | 0.0 | 2.0 |
| PIKE | 5 | ND | ND | ND | 63.1 | 61.0 | 66.8 | 1715 | 0.0 | 0.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: CROOKED PINE LAKE

TOWNSHIP: TROTTIER & WEAVER

DISTRICT: RAINY RIVER

LAT/LONG: 4847/9104

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 58.2 | 49.4 | 75.2 | 1978 | 0.0 | 0.7 |
| PIKE | 5 | ND | ND | ND | 77.3 | 62.6 | 99.9 | 3512 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: CROOKED PINE LAKE

TOWNSHIP: TROTTIER & WEAVER

DISTRICT: RAINY RIVER

LAT/LONG: 4847/9104

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 58.2 | 49.4 | 75.2 | 1978 | 0.0 | 0.7 |
| PIKE | 5 | ND | ND | ND | 77.3 | 62.6 | 99.9 | 3512 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: EVA LAKE
TOWNSHIP: -
DISTRICT: RAINY RIVER
LAT/LONG: 4843/9110
YEAR: 1977
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------------|---------|------|-------------|------|-------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 11 | 327 | 180 | 510 | 66.0 | 59.0 | 74.0 | 3121 | 0.0 | 5.9 |
| WALLEYE | 1 | 420 | - | - | 49.0 | - | - | 1530 | 0.0 | 6.9 |
| S.M. BASS | 10 | 265 | ND | 1420 | 31.3 | 24.0 | 42.2 | 455 | 0.0 | 4.6 |
| PIKE | 15 | 289 | ND | 820 | 64.9 | 47.8 | 104.0 | 2225 | 0.0 | 3.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: EVA LAKE
TOWNSHIP: -
DISTRICT: RAINY RIVER
LAT/LONG: 4843/9110
YEAR: 1977
SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|---------------|---------|-----|-------------|------|-------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 11 | ND | ND | ND | 66.0 | 59.0 | 74.0 | 3121 | 0.0 | 5.9 |
| WALLEYE | 1 | ND | - | - | 49.0 | - | - | 1530 | 0.0 | 6.9 |
| S.M. BASS | 10 | ND | ND | ND | 31.3 | 24.0 | 42.2 | 455 | 0.0 | 4.6 |
| PIKE | 15 | ND | ND | ND | 64.9 | 47.8 | 104.0 | 2225 | 0.0 | 3.7 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: FINLAYSON LAKE

TOWNSHIP: -

DISTRICT: RAINY RIVER

LAT/LONG: 4855/9134

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 5 | ND | ND | ND | 65.5 | 58.4 | 76.8 | 1642 | 0.0 | 0.5 |
| WALLEYE | 5 | 2 | ND | 10 | 48.2 | 43.4 | 53.5 | 1280 | 0.0 | 0.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: FINLAYSON LAKE

TOWNSHIP: -

DISTRICT: RAINY RIVER

LAT/LONG: 4855/9134

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 5 | ND | ND | ND | 65.5 | 58.4 | 76.8 | 1642 | 0.0 | 0.5 |
| WALLEYE | 5 | ND | ND | ND | 48.2 | 43.4 | 53.5 | 1280 | 0.0 | 0.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: KAWENE LAKE
TOWNSHIP: TROTTIER
DISTRICT: RAINY RIVER
LAT/LONG: 4845/9113
YEAR: 1977
SEX: -

TISSUE: MUSCLE
LIMIT: 2000

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 5 | ND | ND | ND | 54.5 | 49.5 | 59.3 | 870 | 0.0 | 0.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: KAWENE LAKE
TOWNSHIP: TROTTIER
DISTRICT: RAINY RIVER
LAT/LONG: 4845/9113
YEAR: 1977
SEX: -

TISSUE: MUSCLE
LIMIT: 100

PPB

SOURCE: MOE

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 5 | ND | ND | ND | 54.5 | 49.5 | 59.3 | 870 | 0.0 | 0.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: MARMION LAKE

TOWNSHIP: -

DISTRICT: RAINY RIVER

LAT/LONG: 4853/9131

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | 14 | 10 | 21 | 52.9 | 40.6 | 60.2 | 2265 | 0.0 | 0.5 |
| PIKE | 5 | 8 | ND | 15 | 61.6 | 55.7 | 70.2 | 1262 | 0.0 | 0.2 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: MARMION LAKE

TOWNSHIP: -

DISTRICT: RAINY RIVER

LAT/LONG: 4853/9131

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 52.9 | 40.6 | 60.2 | 2265 | 0.0 | 0.5 |
| PIKE | 5 | ND | ND | ND | 61.6 | 55.7 | 70.2 | 1262 | 0.0 | 0.2 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: MEGGISI LAKE

TOWNSHIP: -

DISTRICT: KENORA

LAT/LONG: 4917/9236

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 3 | 623 | 530 | 730 | 46.5 | 45.5 | 47.5 | 1140 | 0.0 | 1.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: MEGGISI LAKE

TOWNSHIP: -

DISTRICT: KENORA

LAT/LONG: 4917/9236

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 3 | ND | ND | ND | 46.5 | 45.5 | 47.5 | 1140 | 0.0 | 1.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: NYM LAKE

TOWNSHIP: -

DISTRICT: RAINY RIVER

LAT/LONG: 4842/9126

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|-------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 71.4 | 58.7 | 78.9 | 3766 | 0.0 | 0.6 |
| PIKE | 5 | ND | ND | ND | 87.9 | 76.4 | 104.0 | 4716 | 0.0 | 0.5 |
| S.M. BASS | 3 | 14 | ND | 28 | 34.0 | 28.0 | 37.1 | 597 | 0.0 | 2.2 |
| L. TROUT | 5 | 105 | 76 | 140 | 65.4 | 60.9 | 68.0 | 2570 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: NYM LAKE

TOWNSHIP: -

DISTRICT: RAINY RIVER

LAT/LONG: 4842/9126

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|-------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 71.4 | 58.7 | 78.9 | 3766 | 0.0 | 0.6 |
| PIKE | 5 | ND | ND | ND | 87.9 | 76.4 | 104.0 | 4716 | 0.0 | 0.5 |
| S.M. BASS | 3 | ND | ND | ND | 34.0 | 28.0 | 37.1 | 597 | 0.0 | 2.2 |
| L. TROUT | 5 | ND | ND | ND | 65.4 | 60.9 | 68.0 | 2570 | 0.0 | 1.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: PICKEREL LAKE

TOWNSHIP: -

DISTRICT: RAINY RIVER

LAT/LONG: 4837/9119

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 5 | 7 | ND | 16 | 76.2 | 42.8 | 98.5 | 4268 | 0.0 | 0.5 |
| L. TROUT | 5 | 41 | 20 | 80 | 64.2 | 59.6 | 73.0 | 2320 | 0.0 | 3.0 |
| S.M. BASS | 5 | ND | ND | ND | 40.2 | 38.3 | 44.1 | 960 | 0.0 | 1.2 |
| WALLEYE | 5 | ND | ND | ND | 59.4 | 51.6 | 75.1 | 2252 | 0.0 | 0.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: PICKEREL LAKE

TOWNSHIP: -

DISTRICT: RAINY RIVER

LAT/LONG: 4837/9119

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 5 | ND | ND | ND | 76.2 | 42.8 | 98.5 | 4268 | 0.0 | 0.5 |
| L. TROUT | 5 | ND | ND | ND | 64.2 | 59.6 | 73.0 | 2320 | 0.0 | 3.0 |
| S.M. BASS | 5 | ND | ND | ND | 40.2 | 38.3 | 44.1 | 960 | 0.0 | 1.2 |
| WALLEYE | 5 | ND | ND | ND | 59.4 | 51.6 | 75.1 | 2252 | 0.0 | 0.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: RAINY LAKE
TOWNSHIP: -
DISTRICT: RAINY RIVER
LAT/LONG: 4838/9255
YEAR: 1977
SEX: -

SUBLOC:
(BLEAK BAY)

TISSUE: MUSCLE
LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|-------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 3 | ND | ND | ND | 79.3 | 74.8 | 85.0 | 2907 | 0.0 | 0.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: RAINY LAKE
TOWNSHIP: -
DISTRICT: RAINY RIVER
LAT/LONG: 4838/9255
YEAR: 1977
SEX: -

SUBLOC:
(BLEAK BAY)

TISSUE: MUSCLE
LIMIT: 100

PPB

SOURCE: MOE

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|-------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 3 | ND | ND | ND | 79.3 | 74.8 | 85.0 | 2907 | 0.0 | 0.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE OF THE WOODS

TOWNSHIP: SPOHN

DISTRICT: FOUR MILE BAY

LAT/LONG: 48 53/94 40

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|-------------|---------|-----|-------------|-----|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 21 | TR | ND | 10 | 26.1 | 6.2 | 31.4 | 315 | 0.0 | 0.5 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#1 (NIAGARA ON THE LAKE)

TOWNSHIP: -

DISTRICT: NIAGARA

LAT/LONG: 4315/7904

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PBB SEX: -

| SPECIES | N | PCB | | (PBB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|------------|----|------|--|---------|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT * | 34 | 3051 | | 1400 | 5580 | 49.5 | 37.5 | 60.6 | 1234 | 85.3 | 6.4 |
| COHO | 1 | 1030 | | - | - | 50.4 | - | - | 1000 | 0.0 | 3.0 |
| RAINBOW | 1 | 2200 | | - | - | 67.0 | - | - | 2350 | 100.0 | 4.7 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | - | B | B | B | B | B | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX LOCATION: LAKE ONTARIO#1 (NIAGARA ON THE LAKE)
 TOWNSHIP: -
 DISTRICT: NIAGARA
 LAT/LONG: 4315/7904
 TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
 LIMIT: 100 PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | | %> MEAN % LIMIT LIPID |
|------------|----|-------|-----|---------|------|-------------|------|------|---------|-----|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | MIN | MAX | |
| L. TROUT * | 34 | 227 | 82 | 590 | 49.5 | 37.5 | 60.6 | 1234 | 94.1 | 6.4 | |
| COHO | 1 | 90 | - | - | 50.4 | - | - | 1000 | 0.0 | 3.0 | |
| RAINBOW | 1 | 120 | - | - | 67.0 | - | - | 2350 | 100.0 | 4.7 | |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: MIREX

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | - | B | B | B | B | B | - |

A MIREX CONCENTRATION < 100 PPB
 B MIREX CONCENTRATION > 100 PPB
 - MIREX DATA NOT AVAILABLE FOR THIS SIZE

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#1

TOWNSHIP: -

DISTRICT: WENTWORTH

LAT/LONG: 4317/7950

YEAR: 1977

SEX: -

SUBLOC

(Hamilton Harbour)

TISSUE: WHOLE FISH

LIMIT: 2000 PPB

SOURCE: MOE

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|------|--------|-----|-------------|-----|-----|---------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |

| | | | | | | | | | | | |
|-------|---|------|------|------|------|------|------|-----|------|-----|--|
| SMELT | 2 | 2320 | 1630 | 3010 | 27.5 | 27.5 | 27.5 | 316 | 50.0 | 4.4 | |
|-------|---|------|------|------|------|------|------|-----|------|-----|--|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#1

TOWNSHIP: -

DISTRICT: WENTWORTH

LAT/LONG: 4317/7950

YEAR: 1977

SEX: -

SOURCE: MOE

TISSUE: WHOLE FISH

LIMIT: 100 PPB

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|-------|--------|-----|-------------|-----|-----|---------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |

| | | | | | | | | | | | |
|-------|---|-----|-----|-----|------|------|------|-----|-------|-----|--|
| SMELT | 2 | 118 | 110 | 126 | 27.5 | 27.5 | 27.5 | 316 | 100.0 | 4.4 | |
|-------|---|-----|-----|-----|------|------|------|-----|-------|-----|--|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#1

TOWNSHIP: -

DISTRICT: WENTWORTH

LAT/LONG: 4317/7950

YEAR: 1977

SEX: -

SUBLOC
(Hamilton Harbour)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % |
|---------|---|------|--------|-----|-------------|-----|-----|------------|-----------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | |
| COHO | 1 | 2450 | - | - | 64.0 | - | - | 1602 100.0 | 3.2 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#1

TOWNSHIP: -

DISTRICT: WENTWORTH

LAT/LONG: 4317/7950

YEAR: 1977

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % |
|---------|---|-------|--------|-----|-------------|-----|-----|------------|-----------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | |
| COHO | 1 | 160 | - | - | 64.0 | - | - | 1602 100.0 | 3.2 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#1 (HAMILTON HARBOUR)

TOWNSHIP: DUNDAS

DISTRICT: WENTWORTH

LAT/LONG: 4316/7558

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | % | MEAN | % |
|-------------|----|------|---------|------|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| CARP | 6 | 1673 | 770 | 2670 | 57.7 | 22.0 | 85.0 | 3875 | 33.3 | 3.4 | |
| W. PERCH * | 20 | 1134 | 420 | 2400 | 23.0 | 17.0 | 30.0 | 294 | 10.0 | 2.0 | |
| B.BULLHEAD* | 18 | 1132 | 80 | 2540 | 27.5 | 18.0 | 36.0 | 277 | 11.1 | 1.1 | |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| W. PERCH | - | A | A | A | B | - | - | - | - | - |
| B.BULLHEAD | - | A | A | A | A | B | - | - | - | - |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#1 (HAMILTON HARBOUR)

TOWNSHIP: DUNDAS

DISTRICT: WENTWORTH

LAT/LONG: 4316/7558

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX (PPB) | | | LENGTH (CM) | | | WT. (GM) | % > MEAN LIMIT LIPID | |
|-------------|----|-------------|-----|-----|-------------|------|------|----------|-------------------------|-----|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |
| CARP | 6 | 51 | 12 | 130 | 57.7 | 22.0 | 85.0 | 3875 | 16.7 | 3.4 |
| W. PERCH * | 20 | 32 | 12 | 95 | 23.0 | 17.0 | 30.0 | 294 | 0.0 | 2.0 |
| B.BULLHEAD* | 18 | 45 | ND | 160 | 27.5 | 18.0 | 36.0 | 277 | 5.6 | 1.1 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: MIREX

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| W. PERCH | - | A | A | A | A | - | - | - | - | - |
| B.BULLHEAD | - | A | A | A | A | B | - | - | - | - |

A MIREX CONCENTRATION < 100 PPB
 B MIREX CONCENTRATION > 100 PPB
 - MIREX DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#1 (BURLINGTON BEACH)

TOWNSHIP: -

DISTRICT: HALTON

LAT/LONG: 4318/7948

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | % > | MEAN | % |
|---------|----|------|---------|------|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| SMELT | 10 | 989 | 780 | 1210 | 16.6 | 16.0 | 18.0 | 275 | 0.0 | 4.9 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#1 (BURLINGTON BEACH)

TOWNSHIP: -

DISTRICT: HALTON

LAT/LONG: 4318/7948

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | % > | MEAN | % |
|---------|----|-------|---------|-----|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| SMELT | 10 | 163 | 120 | 190 | 16.6 | 16.0 | 18.0 | 275 | 100.0 | 4.9 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#1 (BURLINGTON BEACH)

TOWNSHIP: -

DISTRICT: HALTON

LAT/LONG: 4318/7948

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|---------|------|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| COFO | 4 | 875 | 560 | 1140 | 53.4 | 46.0 | 58.0 | 1375 | 0.0 | 4.7 |
| CHINOOK | 2 | 1330 | 1000 | 1660 | 75.0 | 70.0 | 80.0 | 4350 | 0.0 | 8.3 |
| L. TROUT | 2 | 2195 | 2020 | 2370 | 51.5 | 51.0 | 52.0 | 1000 | 100.0 | 8.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#1 (BURLINGTON BEACH)

TOWNSHIP: -

DISTRICT: HALTON

LAT/LONG: 4318/7948

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| COHO | 4 | 130 | 89 | 160 | 53.4 | 46.0 | 58.0 | 1375 | 75.0 | 4.7 |
| CHINOOK | 2 | 200 | 160 | 240 | 75.0 | 70.0 | 80.0 | 4350 | 100.0 | 8.3 |
| L. TROUT | 2 | 290 | 290 | 290 | 51.5 | 51.0 | 52.0 | 1000 | 100.0 | 8.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#1

TOWNSHIP: ST. CATHARINES

DISTRICT: NIAGARA R. M.

LAT/LONG: 4312/7916

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 2000 PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|---------|----|------|---------|------|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| SMELT | 10 | 2225 | 1720 | 3260 | 17.3 | 16.2 | 18.1 | 142 | 60.0 | 2.1 |

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ONTARIO MINISTFY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#1

TOWNSHIP: ST. CATHARINES

DISTRICT: NIAGARA R. M.

LAT/LONG: 4312/7916

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|---------|----|-------|---------|-----|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| SMELT | 10 | 155 | 98 | 250 | 17.3 | 16.2 | 18.1 | 142 | 90.0 | 2.1 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#1 (EAST OF ST. CATHARINES)

TOWNSHIP: -

DISTRICT: NIAGARA

LAT/LONG: 4310/7915

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|------------|----|------|---------|------|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| L. TROUT * | 10 | 2744 | 1280 | 4770 | 43.0 | 28.6 | 54.6 | 1065 | 80.0 | 5.9 | |
| CHINOOK | 2 | 3300 | 2860 | 3740 | 87.5 | 85.1 | 89.9 | 8050 | 100.0 | 5.8 | |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | A | B | B | B | B | - | - |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#1 (EAST OF ST. CATHARINES)

TOWNSHIP: -

DISTRICT: NIAGARA

LAT/LONG: 4310/7915

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX (PPB) | | | LENGTH (CM) | | | WT. (GM) | | %> MEAN % LIMIT LIPID |
|----------|------|-------------|-----|-----|-------------|------|------|----------|-------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| L. TROUT | * 10 | 237 | 82 | 390 | 43.0 | 28.6 | 54.6 | 1065 | 90.0 | 5.9 |
| CHINOOK | 2 | 200 | 180 | 220 | 87.5 | 85.1 | 89.9 | 8050 | 100.0 | 5.8 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: MIREX

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | B | B | B | B | B | - | - |

A MIREX CONCENTRATION < 100 PPB
 B MIREX CONCENTRATION > 100 PPB
 - MIREX DATA NOT AVAILABLE FOR THIS SIZE

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#1 (BRONTE CREEK)

TOWNSHIP: OAKVILLE

DISTRICT: HALTON

LAT/LONG: 4324/7943

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> | MEAN | % |
|---------|---|------|---------|-----|-------------|-----|-----|----------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |

| | | | | | | | | | | | |
|------|---|----|------|-----|------|------|------|------|------|------|-----|
| COHO | * | 17 | 1722 | 470 | 2450 | 68.8 | 44.0 | 77.0 | 3688 | 41.2 | 2.3 |
|------|---|----|------|-----|------|------|------|------|------|------|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| COHO | - | - | - | - | - | A | A | A | B | B |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

- -

- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#1 (BRONTE CREEK)

TOWNSHIP: OAKVILLE

DISTRICT: HALTON

LAT/LONG: 4324/7943

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> MEAN LIMIT LIPID |
|---------|------|---------------|-------|-----|-------------|------|------|------------------|------------------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | |
| COHO | * 17 | 132 | 33 | 210 | 68.8 | 44.0 | 77.0 | 3688 | 64.7 2.3 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: MIREX

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| COHO | - | - | - | - | - | A | A | B | B | B |

A MIREX CONCENTRATION < 100 PPB
 B MIREX CONCENTRATION > 100 PPB
 - MIREX DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#1

TOWNSHIP: -

DISTRICT: -

LAT/LONG: 4339/7920

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|---------|----|------|-----|---------|------|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | | |
| CARP | 22 | 2384 | 50 | 7550 | 75.8 | 65.5 | 83.0 | 5991 | 54.5 | 3.4 | |
| W. BASS | 30 | 753 | 13 | 1640 | 27.7 | 20.0 | 37.6 | 324 | 0.0 | 2.8 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#1

TOWNSHIP: -

DISTRICT: -

LAT/LONG: 4339/7920

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|---------|----|-------|-----|---------|------|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | | |
| CARP | 22 | 86 | ND | 340 | 75.8 | 65.5 | 83.0 | 5991 | 36.4 | 3.4 | |
| W. BASS | 30 | 37 | ND | 85 | 27.7 | 20.0 | 37.6 | 324 | 0.0 | 2.8 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#1

TOWNSHIP: PICKERING

DISTRICT: ONTARIO

LAT/LONG: 4358/7911

YEAR: 1978

SUBLOC:
(DUFFIN CREEK)

TISSUE: MUSCLE

LIMIT: 2000

PPB SEX: -

SOURCE: MOE

| SPECIES | N | PCB (PPB) | | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | MEAN % |
|---------|---|-----------|-----|-----|-------------|-----|-----|---------|-----------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |

| | | | | | | | | | | | |
|----------|---|----|----|----|-----|------|------|------|----|-----|-----|
| S. TROUT | * | 20 | 69 | 24 | 120 | 18.1 | 13.0 | 29.0 | 75 | 0.0 | 2.9 |
|----------|---|----|----|----|-----|------|------|------|----|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| S. TROUT | A | A | A | A | A | - | - | - | - | - |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#1

TOWNSHIP: PICKERING

DISTRICT: DURHAM

LAT/LONG: 4349/7902

YEAR: 1978

SEX: -

SUBLOC:
(DUFFIN CREEK)

MOUTH

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID | |
|---------|---|-------------|-------|-----|-------------|------|------|-----------------|-------------|-----------------|-----|
| | | | MIN | MAX | MEAN | MIN | MAX | | | | |
| RAINBOW | * | 20 | 842 | 135 | 2950 | 45.0 | 17.3 | 74.0 | 1561 | 10.0 | 6.9 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| RAINBOW | - | A | A | A | A | A | A | A | A | A |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#1

TOWNSHIP: PICKERING

DISTRICT: DURHAM R. M.

LAT/LONG: 4349/7902

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID | |
|---------|---|---------------|-------|-----|-------------|------|------|-----------------|-------------|-----------------|-----|
| | | | MIN | MAX | MEAN | MIN | MAX | | | | |
| RAINBOW | * | 20 | 101 | 13 | 240 | 45.0 | 17.3 | 74.0 | 1561 | 60.0 | 6.9 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: MIREX

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| RAINBOW | - | A | A | A | A | A | B | B | B | B |

A MIREX CONCENTRATION < 100 PPB
 B MIREX CONCENTRATION > 100 PPB
 - MIREX DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT* PCB

LOCATION* LAKE ONTARIO#1

TOWNSHIP: -METRO TORONTO

DISTRICT: -YORK R. M.

LAT/LONG: -4350/7925

YEAR: 1978

SEX: -

SUBLOC:
(TORONTO ISLANDS)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-------------|----|------|--|--------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 20 | 113 | | 43 | 360 | 17.8 | 14.2 | 46.3 | 72 | 0.0 | 1.0 |
| W. BASS | 3 | 1203 | | 1070 | 1440 | 32.8 | 31.0 | 34.0 | 522 | 0.0 | 2.7 |
| W. SUCKER * | 20 | 1314 | | 560 | 2980 | 41.1 | 34.7 | 49.4 | 751 | 10.0 | 2.9 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|-----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| W. SUCKER | - | - | - | - | A | A | B | - | - | - |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#1

TOWNSHIP: -

DISTRICT: -

LAT/LONG: -

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------|--|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 20 | 1 | | ND | 7 | 17.8 | 14.2 | 46.3 | 72 | 0.0 | 1.0 |
| W. BASS | 3 | 81 | | 72 | 87 | 32.8 | 31.0 | 34.0 | 522 | 0.0 | 2.7 |
| W. SUCKER | 20 | 39 | | 11 | 62 | 41.1 | 34.7 | 49.4 | 751 | 0.0 | 2.9 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#2

SUBLOC:
(GANARASKA R.)

TOWNSHIP: -

DISTRICT: - DURHAM R. M.

LAT/LONG: -

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | |
|---------|----|------|--------|------|-------------|------|------|---------|-----------|-----|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| RAINBOW | 21 | 3083 | 1900 | 4130 | 68.1 | 56.0 | 75.0 | 3642 | 95.2 | 3.3 |

- -

- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#2

TOWNSHIP: -

DISTRICT: - DURHAM R. M.

LAT/LONG: -

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | |
|---------|----|-------|--------|-----|-------------|------|------|---------|-----------|-----|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| RAINBOW | 21 | 226 | 140 | 310 | 68.1 | 56.0 | 75.0 | 3642 | 100.0 | 3.3 |

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- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#2

TOWNSHIP: -

SUBLOC

DISTRICT: PEEL

(Credit River Mouth)

LAT/LONG: 4333/7935

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | MEAN % LIMIT LIPID |
|---------|---|------|-----|-------|------|-------------|-----|------|---------|-----------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |

| | | | | | | | | | | | |
|---------|---|----|-----|-----|------|------|------|------|-----|-----|-----|
| W. BASS | * | 30 | 814 | 270 | 2100 | 24.9 | 20.2 | 31.1 | 217 | 3.3 | 1.6 |
|---------|---|----|-----|-----|------|------|------|------|-----|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |

| | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|
| W. BASS | - | A | A | A | - | - | - | - | - | - |
|---------|---|---|---|---|---|---|---|---|---|---|

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#2

TOWNSHIP: -

DISTRICT: PEEL

LAT/LONG: 4333/7935

YEAR: 1977

SEX: -

SUBLOC

(Credit River Mouth)

TISSUE: MUSCLE

SOURCE: MOE

LIMIT: 100 PPB

| SPECIES | N | MIREX (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | MEAN % |
|---------|---|-------------|---------|-------------|-----|-----|----------|-----------|--------|
| | | MEAN | MIN MAX | MEAN | MIN | MAX | | | |

| | | | | | | | | | | | |
|---------|---|----|----|---|----|------|------|------|-----|-----|-----|
| W. BASS | * | 30 | 30 | 8 | 93 | 24.9 | 20.2 | 31.1 | 217 | 0.0 | 1.6 |
|---------|---|----|----|---|----|------|------|------|-----|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: MIREX

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| W. BASS | - | A | A | A | - | - | - | - | - | - |

A MIREX CONCENTRATION < 100 PPB
 B MIREX CONCENTRATION > 100 PPB
 - MIREX DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION:

TOWNSHIP:

DISTRICT: DURHAM

LAT/LONG: 4349/7902

YEAR: 1978

SEX: -

SUBLOC:
(DUFFIN CREEK)

TISSUE: MUSCLE
LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S. TROUT | 20 | 91 | 12 | 190 | 17.1 | 11.0 | 25.5 | 48 | 0.0 | 7.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION:

TOWNSHIP:

DISTRICT: DURHAM R. M.

LAT/LONG:

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S. TROUT | 20 | ND | ND | ND | 17.1 | 11.0 | 25.5 | 48 | 0.0 | 7.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#2

TOWNSHIP: CLARKE

DISTRICT: DURHAM

LAT/LONG: 4354/7836

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOF

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|---------|---|------|---------|------|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| SMELT | 5 | 1242 | 990 | 1390 | 17.0 | 15.5 | 19.0 | 30 | 0.0 | 2.3 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#2

TOWNSHIP: CLARKE

DISTRICT: DUPHAM

LAT/LONG: 4354/7836

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|---------|---|-------|---------|-----|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| SMELT | 5 | 153 | 115 | 196 | 17.0 | 15.5 | 19.0 | 30 | 100.0 | 2.3 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#2

TOWNSHIP: HOPE

DISTRICT: DURHAM

LAT/LONG: 78 16/43 57

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|---------|---|------|------|---------|------|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| SMELT | 5 | 1170 | 1010 | 1420 | 15.7 | 14.5 | 17.0 | 23 | 0.0 | 2.5 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#2

TOWNSHIP: HOPE

DISTRICT: DURHAM

LAT/LONG: 78 16/43 57

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT LIPID |
|---------|---|-------|-----|---------|------|-------------|------|------|----------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| SMELT | 5 | 116 | 95 | 136 | 15.7 | 14.5 | 17.0 | 23 | 80.0 | 2.5 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB LOCATION: LAKE ONTARIO#2 SUBLOC: WC
 TOWNSHIP: CLARKE (WILMOT CREEK)
 DISTRICT: DURHAM
 LAT/LONG: 4354/7836
 TISSUE: WHOLE FISH YEAR: 1978 SOURCE: MOE
 LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| SMELT | 5 | 1242 | 990 | 1390 | 17.0 | 15.5 | 19.0 | 30 | 0.0 | 2.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX LOCATION: LAKE ONTARIO#2 SUBLOC: WC
 TOWNSHIP: CLARKE
 DISTRICT: DURHAM
 LAT/LONG: 4354/7836
 TISSUE: WHOLE FISH YEAR: 1978 SOURCE: MOE
 LIMIT: 100 PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| SMELT | 5 | ND | ND | ND | 17.0 | 15.5 | 19.0 | 30 | 0.0 | 2.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB LOCATION: LAKE ONTARIO#2 SUBLOC: GC
 TOWNSHIP: HOPE (GAGE CREEK)
 DISTRICT: NORTHUMBERLAND COUNTY
 LAT/LONG: 4357/7816
 TISSUE: WHOLE FISH YEAR: 1978 SOURCE: MOE
 LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|---------|---|------|---------|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| SMELT | 5 | 1170 | 1010 | 1420 | 15.7 | 14.5 | 17.0 | 23 | 0.0 | 2.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX LOCATION: LAKE ONTARIO#2 SUBLOC: GC
 TOWNSHIP: HOPE
 DISTRICT: NORTHUMBERLAND COUNTY
 LAT/LONG: 4357/7816
 TISSUE: WHOLE FISH YEAR: 1978 SOURCE: MOE
 LIMIT: 100 PPB SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|---------|---|-------|---------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| SMELT | 5 | ND | ND | ND | 15.7 | 14.5 | 17.0 | 23 | 0.0 | 2.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#4

DUBLOC:BB

TOWNSHIP: BAY OF QUINTE

(BELLEVILLE BRIDGE)

DISTRICT: HASTINGS & PRINCE EDWARD

LAT/LONG: 4409/7723

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|---------|----|------|-----|--------|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| CARP | 20 | 840 | 110 | 2260 | 67.0 | 55.6 | 85.6 | 6435 | 10.0 | 4.2 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#4

SUBLOC:BB

TOWNSHIP: BAY OF QUINTE

(BELLEVILLE BRIDGE)

DISTRICT: HASTINGS & PRINCE EDWARD

LAT/LONG: 4409/7723

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|---------|----|-------|-----|--------|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| CARP | 20 | 37 | 7 | 93 | 67.0 | 55.6 | 85.6 | 6435 | 0.0 | 4.2 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#4 (PRESQUILE BAY)

TOWNSHIP: -

DISTRICT: NORTHUMBERLAND

LAT/LONG: 4401/7742

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|-------------|----|------|--|--------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 15 | 273 | | 120 | 730 | 17.1 | 13.9 | 24.3 | 61 | 0.0 | 0.9 |
| L.M. BASS * | 10 | 155 | | 20 | 740 | 24.9 | 15.8 | 43.1 | 367 | 0.0 | 0.5 |
| PIKE | 7 | 359 | | 220 | 670 | 58.7 | 51.0 | 63.6 | 1318 | 0.0 | 0.4 |
| WALLEYE | 1 | 190 | | - | - | 38.9 | - | - | 750 | 0.0 | 0.5 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|-----------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| L.M. BASS | A | A | A | A | A | A | A | - | - | - |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#4

TOWNSHIP: -

DISTRICT: NORTHUMBERLAND

LAT/LONG: 4401/7742

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|-------------|----|-------|--|--------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 15 | 11 | | ND | 19 | 17.1 | 13.9 | 24.3 | 61 | 0.0 | 0.9 |
| L.M. BASS * | 10 | 15 | | ND | 100 | 24.9 | 15.8 | 43.1 | 367 | 10.0 | 0.5 |
| PIKE | 7 | 18 | | 10 | 33 | 58.7 | 51.0 | 63.6 | 1318 | 0.0 | 0.4 |
| WALLEYE | 1 | 7 | | - | - | 38.9 | - | - | 750 | 0.0 | 0.5 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: MIREX

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|-----------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| L.M. BASS | A | A | A | A | A | A | B | - | - | - |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#5

TOWNSHIP: WILLIAMSBURG

DISTRICT: DUNDAS CO.

LAT/LONG:

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN LIPID |
|-------------|----|-------------|---------|------|-------------|------|------|-----------------|-------------|---------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 8 | 313 | 180 | 570 | 63.7 | 36.3 | 77.1 | 1678 | 0.0 | 0.7 |
| W. SUCKER * | 15 | 295 | 48 | 940 | 44.5 | 33.8 | 64.0 | 972 | 0.0 | 1.0 |
| CARP * | 10 | 564 | 230 | 1340 | 53.6 | 40.5 | 66.7 | 2173 | 0.0 | 3.1 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|-----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| W. SUCKER | - | - | - | A | A | A | A | A | A | - |
| CARP | - | - | - | - | - | A | A | A | A | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#5

TOWNSHIP: WILLIAMSBURG

DISTRICT: DUNDAS CO.

LAT/LONG:

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | MEAN % |
|-----------|----|-------------|---------|-------------|------|------|---------|-----------|--------|
| | | MEAN | MIN MAX | MEAN | MIN | MAX | | | |
| PIKE | 8 | 123 | 10 290 | 63.7 | 36.3 | 77.1 | 1678 | 50.0 | 0.7 |
| W. SUCKER | 15 | 31 | ND 102 | 44.5 | 33.8 | 64.0 | 972 | 6.7 | 1.0 |
| CARP * | 10 | 24 | 12 48 | 53.6 | 40.5 | 66.7 | 2173 | 0.0 | 3.1 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: MIREX

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| CARP | - | - | - | - | - | A | A | A | A | - |

A MIREX CONCENTRATION < 100 PPB
 B MIREX CONCENTRATION > 100 PPB
 - MIREX DATA NOT AVAILABLE FOR THIS SIZE

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#5

TOWNSHIP: WILLIAMSBURG

DISTRICT: DUNDAS CO.

LAT/LONG:

YEAR: 1977

SEX: -

SUBLOC
(St. Lawrence R.)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) MIN MAX | LENGTH (CM) MEAN MIN MAX | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|----|-------------|-------------------|-----------------------------|-----------------|-------------|-----------------|
| EEL | 15 | 4248 | 1100 11130 | 78.1 66.7 87.5 | 1035 | 80.0 | 12.8 |
| B. CRAPPIE | 14 | 68 | ND 170 | 22.2 18.6 29.2 | 181 | 0.0 | 0.9 |
| S.M. BASS | 3 | 813 | 760 860 | 34.1 18.2 49.8 | 891 | 0.0 | 2.2 |
| W. PERCH | 6 | 442 | 70 780 | 22.3 19.0 29.5 | 162 | 0.0 | 2.3 |
| Y. PERCH | 17 | 115 | 59 250 | 20.8 17.3 25.5 | 105 | 0.0 | 0.7 |
| B.BULLHEAD | 11 | 227 | 60 500 | 25.0 19.7 32.0 | 189 | 0.0 | 1.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#5

TOWNSHIP: WILLIAMSBURG

DISTRICT: DUNDAS CO.

LAT/LONG:

YEAR: 1977

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) MIN MAX | LENGTH (CM) MEAN MIN MAX | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|----|---------------|-------------------|-----------------------------|-----------------|-------------|-----------------|
| EEL | 15 | 207 | 66 530 | 78.1 66.7 87.5 | 1035 | 80.0 | 12.8 |
| B. CRAPPIE | 14 | 5 | ND 10 | 22.2 18.6 29.2 | 181 | 0.0 | 0.9 |
| S.M. BASS | 3 | 56 | 49 68 | 34.1 18.2 49.8 | 891 | 0.0 | 2.2 |
| W. PERCH | 6 | 28 | 7 45 | 22.3 19.0 29.5 | 162 | 0.0 | 2.3 |
| Y. PERCH | 17 | 6 | 4 10 | 20.8 17.3 25.5 | 105 | 0.0 | 0.7 |
| B.BULLHEAD | 11 | 9 | 5 15 | 25.0 19.7 32.0 | 189 | 0.0 | 1.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#5

SUBLOC: RI

TOWNSHIP: -

(RED ISLAND)

DISTRICT: ST. LAWRENCE

SOUTH CHANNEL

LAT/LONG: 4511/7425

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|-------------|----|------|-----|--------|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | | | |
| BOWFIN | 1 | 130 | - | - | - | 61.0 | - | - | 3289 | 0.0 | 1.0 |
| B. CRAPPIE | 8 | 578 | 190 | 1410 | 1410 | 19.1 | 14.0 | 22.9 | 224 | 0.0 | 0.8 |
| P' SEED | 25 | 373 | 68 | 920 | 920 | 14.4 | 9.5 | 17.7 | 130 | 0.0 | 0.6 |
| B.BULLHEAD* | 30 | 1812 | 170 | 5940 | 5940 | 25.9 | 20.3 | 37.9 | 360 | 30.0 | 1.8 |
| Y. PERCH | 35 | 288 | 64 | 700 | 700 | 20.3 | 14.0 | 27.3 | 165 | 0.0 | 0.6 |
| PIKE * | 34 | 856 | 250 | 3120 | 3120 | 54.4 | 34.0 | 73.6 | 1474 | 11.8 | 0.4 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| B.BULLHEAD | - | A | A | B | B | B | - | - | - | - |
| PIKE | - | - | - | - | A | A | A | A | A | A |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#5

SUBLOC: RI

TOWNSHIP: -

(REGIS ISLAND)

DISTRICT: ST. LAWRENCE

SOUTH CHANNEL

LAT/LONG: 4511/7425

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| BOWFIN | 1 | 24 | - | - | 61.0 | - | - | 3289 | 0.0 | 1.0 |
| B. CRAPPIE | 8 | 35 | ND | 58 | 19.1 | 14.0 | 22.9 | 224 | 0.0 | 0.8 |
| P'SEED | 25 | 1 | ND | 10 | 14.4 | 9.5 | 17.7 | 130 | 0.0 | 0.6 |
| B.BULLHEAD | 30 | TR | ND | 5 | 25.9 | 20.3 | 37.9 | 360 | 0.0 | 1.8 |
| Y. PERCH | 35 | 1 | ND | 6 | 20.3 | 14.0 | 27.3 | 165 | 0.0 | 0.6 |
| PIKE | 34 | ND | ND | ND | 54.4 | 34.0 | 73.6 | 1474 | 0.0 | 0.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#5

SUBLOC:

TOWNSHIP: -

(NORTH CHANNEL)

DISTRICT: ST. LAWRENCE

ST.REGIS ISLAND

LAT/LONG: 4511

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|------------|----|------|-----|--------|------|-------------|------|------|---------|-----|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| PIKE | 5 | 1096 | 510 | 2510 | 48.2 | 37.0 | 62.0 | 1044 | 20.0 | 0.5 | |
| B.BULLHEAD | 19 | 247 | 170 | 330 | 25.5 | 20.0 | 27.0 | 350 | 0.0 | 1.6 | |
| B. CRAPPIE | 16 | 125 | 65 | 200 | 15.5 | 13.5 | 17.5 | 110 | 0.0 | 0.7 | |
| Y. PERCH * | 14 | 248 | 100 | 525 | 21.9 | 19.5 | 31.0 | 194 | 0.0 | 0.7 | |
| P'SEED | 1 | 500 | - | - | 14.0 | - | - | 100 | 0.0 | 1.0 | |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| Y. PERCH | - | A | A | A | A | - | - | - | - | - |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#5

SUBLOC:
(NORTH CHANNEL)
ST.REGIS ISLAND

TOWNSHIP: -

DISTRICT: ST. LAWRENCE

LAT/LONG: 4511

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| PIKE | 5 | 71 | 39 | 140 | 48.2 | 37.0 | 62.0 | 1044 | 20.0 | 0.5 |
| B.BULLHEAD | 10 | 4 | ND | 18 | 25.5 | 20.0 | 27.0 | 350 | 0.0 | 1.6 |
| B. CRAPPIE | 16 | 2 | ND | 10 | 15.5 | 13.5 | 17.5 | 110 | 0.0 | 0.7 |
| Y. PERCH | 14 | 8 | ND | 25 | 21.9 | 19.5 | 31.0 | 194 | 0.0 | 0.7 |
| P'SEED | 1 | 50 | - | - | 14.0 | - | - | 100 | 0.0 | 1.0 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#5

SUBLOC: SC
(SOUTH CHANNEL)
CORNWALL ISLAND

TISSUE: MUSCLE
LIMIT: 2000

YEAR: 1978
SEX: -

SOURCE: MOE

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|-------------|----|-------|--------|-------|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| C. CATFISH | 15 | 11524 | 380 | 44670 | 42.8 | 35.6 | 57.1 | 1289 | 93.3 | 10.7 |
| PIKE | 8 | 1394 | 640 | 4130 | 54.6 | 32.7 | 68.6 | 1827 | 12.5 | 1.0 |
| W. SUCKER * | 22 | 1241 | 130 | 9320 | 44.0 | 40.0 | 49.5 | 1623 | 13.6 | 1.0 |
| B.BULLHEAD | 16 | 313 | 65 | 970 | 25.1 | 21.6 | 29.2 | 345 | 0.0 | 1.3 |
| P'SEED | 4 | 167 | 72 | 320 | 14.7 | 11.4 | 17.4 | 159 | 0.0 | 0.6 |
| WALLEYE | 2 | 2541 | 2440 | 2642 | 47.7 | 47.0 | 48.3 | 1574 | 100.0 | 1.3 |
| WHITEFISH | 1 | 600 | - | - | 36.8 | - | - | 469 | 0.0 | 2.7 |
| R.H.SUCKER | 1 | 8680 | - | - | 54.6 | - | - | 35188 | 100.0 | 1.0 |
| B. CRAPPIE | 12 | 144 | 53 | 400 | 14.9 | 12.7 | 16.5 | 148 | 0.0 | 11.1 |
| Y. PERCH | 36 | 225 | 74 | 640 | 20.3 | 17.7 | 24.0 | 179 | 0.0 | 0.7 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|-----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| W. SUCKER | - | - | - | - | - | A | B | - | - | - |

A PCB CONCENTRATION < 2000 PPB
B PCB CONCENTRATION > 2000 PPB
- PCB DATA NOT AVAILABLE FOR THIS SIZE

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#5

SUBLOC: SC
(SOUTH CHANNEL)
CORNWALL ISLAND

TOWNSHIP: -

DISTRICT: ST. LAWRENCE

LAT/LONG: 4511/7425

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-------------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| C. CATFISH | 15 | 146 | ND | 420 | 42.8 | 35.6 | 57.1 | 1289 | 60.0 | 10.7 |
| PIKE | 8 | 36 | ND | 86 | 54.6 | 32.7 | 68.6 | 1827 | 0.0 | 1.0 |
| W. SUCKER * | 22 | 16 | ND | 210 | 44.0 | 40.0 | 49.5 | 1623 | 9.1 | 1.0 |
| B.BULLHEAD | 16 | 1 | ND | 7 | 25.1 | 21.6 | 29.2 | 345 | 0.0 | 1.3 |
| P' SEED | 4 | ND | ND | ND | 14.7 | 11.4 | 17.4 | 159 | 0.0 | 0.6 |
| WALLEYE | 2 | 94 | 91 | 96 | 47.7 | 47.0 | 48.3 | 1574 | 0.0 | 1.3 |
| WHITEFISH | 1 | 45 | - | - | 36.8 | - | - | 469 | 0.0 | 2.7 |
| R.H.SUCKER | 1 | 136 | - | - | 54.6 | - | - | 35188 | 100.0 | 1.0 |
| B. CRAPPIE | 12 | 6 | ND | 42 | 14.9 | 12.7 | 16.5 | 148 | 0.0 | 11.1 |
| Y. PERCH | 36 | 10 | ND | 56 | 20.3 | 17.7 | 24.0 | 179 | 0.0 | 0.7 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: MIREX

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|-----------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| W. SUCKER | - | - | - | - | - | A | B | - | - | - |

A MIREX CONCENTRATION < 100 PPB
B MIREX CONCENTRATION > 100 PPB
- MIREX DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#5

SUBLOC: CI
(CORNWALL ISLAND)
NORTH CHANNEL

TOWNSHIP: -

DISTRICT: ST. LAWRENCE

LAT/LONG: 4511/7425

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|------------|----|-------|--|--------|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| C. CATFISH | 2 | 1780 | | 1060 | 2500 | 56.5 | 56.0 | 57.0 | 3204 | 50.0 | 3.8 |
| R. BASS | 1 | 260 | | - | - | 21.0 | - | - | 326 | 0.0 | 0.9 |
| CARP | 1 | 12230 | | - | - | 57.0 | - | - | 4515 | 100.0 | 19.3 |
| B. CRAPPIE | 2 | 580 | | 550 | 610 | 48.0 | 23.0 | 73.0 | 2608 | 0.0 | 0.6 |
| WALLEYE | 13 | 1793 | | 190 | 1806 | 54.3 | 46.0 | 73.0 | 2246 | 0.0 | 1.5 |
| Y. PERCH | 4 | 171 | | 57 | 420 | 17.9 | 11.0 | 22.0 | 162 | 0.0 | 0.9 |
| PIKE | 25 | 487 | | 80 | 6600 | 59.1 | 41.3 | 73.7 | 1797 | 4.0 | 0.4 |
| W. SUCKER | 56 | 1031 | | 120 | 4650 | 45.7 | 35.6 | 60.0 | 1670 | 16.1 | 1.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#5

SUBLOC: CI

TOWNSHIP: -

DISTRICT: ST. LAWRENCE

LAT/LONG: 4511/7425

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|------------|----|-------|--|--------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| C. CATFISH | 2 | ND | | ND | ND | 56.5 | 56.0 | 57.0 | 3204 | 0.0 | 3.8 |
| R. BASS | 1 | ND | | - | - | 21.0 | - | - | 326 | 0.0 | 0.9 |
| CARP | 1 | ND | | - | - | 57.0 | - | - | 4515 | 0.0 | 19.3 |
| B. CRAPPIE | 2 | ND | | ND | ND | 48.0 | 23.0 | 73.0 | 2608 | 0.0 | 0.6 |
| WALLEYE | 13 | 10 | | ND | 89 | 54.3 | 46.0 | 73.0 | 2246 | 0.0 | 1.5 |
| Y. PERCH | 14 | 6 | | ND | 16 | 17.2 | 8.0 | 22.0 | 162 | 0.0 | 0.9 |
| PIKE | 25 | 18 | | ND | 52 | 59.1 | 41.3 | 73.7 | 1797 | 0.0 | 0.4 |
| W. SUCKER | 56 | 10 | | ND | 95 | 45.7 | 35.6 | 60.0 | 1670 | 0.0 | 1.4 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#5

SUBLOC: ID
(IROQUOIS-BELOW DAM)

TOWNSHIP: MATILDA

DISTRICT: DUNDAS CO.

LAT/LONG: 4451/7519

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|------------|----|------|-----|--------|------|-------------|------|------|---------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |
| B.BULLHEAD | 1 | 130 | - | - | 20.0 | - | - | 141 | 0.0 | 0.6 |
| B. CRAPPIE | 1 | 180 | - | - | 18.0 | - | - | 113 | 0.0 | 0.6 |
| W. SUCKER | 6 | 433 | 160 | 810 | 30.7 | 23.0 | 42.0 | 636 | 0.0 | 1.1 |
| Y. PERCH | 7 | 269 | 210 | 340 | 20.9 | 15.0 | 38.0 | 91 | 0.0 | 0.8 |
| PIKE | 23 | 754 | 220 | 4210 | 61.2 | 38.0 | 77.5 | 2285 | 8.7 | 0.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#5

SUBLOC: ID

TOWNSHIP: -

DISTRICT: ST. LAWRENCE

LAT/LONG: 4511/7425

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|------------|----|-------|-----|--------|------|-------------|------|------|---------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |
| B.BULLHEAD | 1 | ND | - | - | 20.0 | - | - | 141 | 0.0 | 0.6 |
| B. CRAPPIE | 1 | 12 | - | - | 18.0 | - | - | 113 | 0.0 | 0.6 |
| W. SUCKER | 6 | 51 | 10 | 110 | 30.7 | 23.0 | 42.0 | 636 | 16.7 | 1.1 |
| Y. PERCH | 7 | 33 | 23 | 47 | 20.9 | 15.0 | 38.0 | 91 | 0.0 | 0.8 |
| PIKE | 23 | 94 | 33 | 240 | 61.2 | 38.0 | 77.5 | 2285 | 30.4 | 0.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#5

TOWNSHIP: -

DISTRICT: ST. LAWRENCE

LAT/LONG: 4511/7425

YEAR: 1978

SEX: -

SUBLOC:

(IROQUOIS TO REGIS
ISLAND TO L. ST>FRANCIS)

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|-------------|-----|-------|--|--------|-------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| C. CATFISH | 17 | 10378 | | 380 | 44670 | 44.4 | 35.6 | 57.1 | 1514 | 88.2 | 9.9 |
| R. BASS | 1 | 260 | | - | - | 21.0 | - | - | 326 | 0.0 | 0.9 |
| CARP | 1 | 12230 | | - | - | 57.0 | - | - | 4515 | 100.0 | 19.3 |
| B. CRAPPIE* | 40 | 246 | | 53 | 1410 | 17.7 | 12.7 | 73.0 | 269 | 0.0 | 3.8 |
| WALLEYE | 14 | 1056 | | 190 | 2642 | 52.0 | 46.0 | 63.0 | 1907 | 14.3 | 1.5 |
| Y. PERCH | 106 | 242 | | 25 | 700 | 20.1 | 8.0 | 38.0 | 168 | 0.0 | 0.7 |
| PIKE | 95 | 792 | | 80 | 6600 | 57.0 | 32.7 | 77.5 | 1763 | 9.5 | 0.6 |
| W. SUCKER | 84 | 1043 | | 120 | 9320 | 44.2 | 23.0 | 60.0 | 1584 | 14.3 | 1.3 |
| B.BULLHEAD* | 57 | 1088 | | 65 | 5940 | 25.5 | 20.0 | 37.9 | 350 | 15.8 | 1.6 |
| P*SEED | 30 | 350 | | 68 | 920 | 14.4 | 9.5 | 17.7 | 133 | 0.0 | 0.6 |
| WHITEFISH | 1 | 600 | | - | - | 36.8 | - | - | 469 | 0.0 | 2.7 |
| R.H.SUCKER | 1 | 8680 | | - | - | 54.6 | - | - | 3518 | 100.0 | 1.0 |
| BOWFIN | 1 | 130 | | - | - | 61.0 | - | - | 3289 | 0.0 | 1.0 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| B. CRAPPIE | A | A | A | A | A | A | A | A | A | B |
| B.BULLHEAD | - | A | A | A | A | B | - | - | - | - |

A PCB CONCENTRATION < 2000 PPB
B PCB CONCENTRATION > 2000 PPB
- PCB DATA NOT AVAILABLE FOR THIS SIZE

- -

- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#5

TOWNSHIP: -

DISTRICT: ST. LAWRENCE

LAT/LONG: 4511/7425

YEAR: 1978

SEX: -

SUBLOC:

(IROQUOIS TO REGIS
ISLAND TO L. ST. FRANCIS
SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100 PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|-----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| C. CATFISH | 17 | 129 | ND | 420 | 44.4 | 35.6 | 57.1 | 1514 | 52.9 | 9.9 |
| R. BASS | 1 | ND | - | - | 21.0 | - | - | 326 | 0.0 | 0.9 |
| CARP | 1 | ND | - | - | 57.0 | - | - | 4515 | 0.0 | 19.3 |
| B. CRAPPIE | 40 | 10 | ND | 58 | 17.7 | 12.7 | 73.0 | 269 | 0.0 | 3.8 |
| WALLEYE | 14 | 22 | ND | 96 | 52.0 | 46.0 | 63.0 | 1907 | 0.0 | 1.5 |
| Y. PERCH | 106 | 8 | ND | 56 | 20.1 | 8.0 | 38.0 | 168 | 0.0 | 0.7 |
| PIKE * | 95 | 34 | ND | 240 | 57.0 | 32.7 | 77.5 | 1763 | 8.4 | 0.6 |
| W. SUCKER | 84 | 14 | ND | 210 | 44.2 | 23.0 | 60.0 | 1584 | 3.6 | 1.3 |
| B.BULLHEAD | 57 | 1 | ND | 18 | 25.5 | 20.0 | 37.9 | 350 | 0.0 | 1.6 |
| P*SEED | 30 | 2 | ND | 50 | 14.4 | 9.5 | 17.7 | 133 | 0.0 | 0.6 |
| WHITEFISH | 1 | 45 | - | - | 36.8 | - | - | 469 | 0.0 | 2.7 |
| R.H.SUCKER | 1 | 136 | - | - | 54.6 | - | - | 3518 | 100.0 | 1.0 |
| BOWFIN | 1 | 24 | - | - | 61.0 | - | - | 3289 | 0.0 | 1.0 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: MIREX

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| PIKE | - | - | - | A | A | A | A | A | A | A |

A MIREX CONCENTRATION < 100 PPB
B MIREX CONCENTRATION > 100 PPB
- MIREX DATA NOT AVAILABLE FOR THIS SIZE

- -

- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ONTARIO#7

TOWNSHIP:

DISTRICT: GLENGARRY

LAT/LONG: 4508/7430

YEAR: 1978

SEX: -

SUBLOC:

(RAISIN RIVER)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) MIN MAX | LENGTH MEAN | (CM) MIN MAX | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|------|-------------|------------------|----------------|-----------------|-----------------|-------------|-----------------|
| WALLEYE | * 31 | 1114 | 320 3560 | 48.0 | 37.9 60.1 | 1223 | 9.7 | 2.0 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| WALLEYE | - | - | - | - | A | A | A | A | B | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ONTARIO#7

TOWNSHIP: CHARLOTTENBURG

DISTRICT: GLENGARRY

LAT/LONG: 4508/7430

YEAR: 1978

SEX: -

TISSUE: MUSCLE

LIMIT: 100

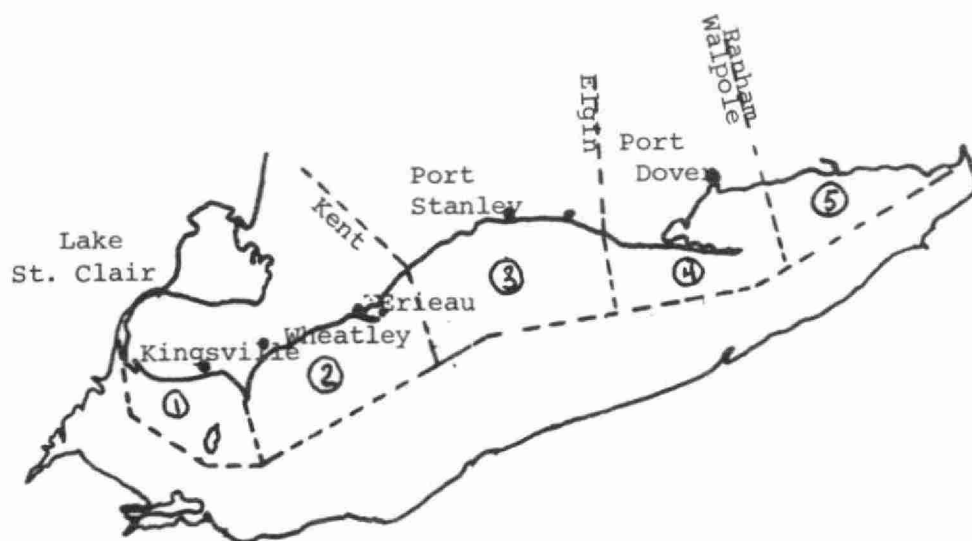
PPB

SOURCE: MOE

| SPECIES | N | MIREX MEAN | (PPB) MIN MAX | LENGTH MEAN | (CM) MIN MAX | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|------------------|----------------|-----------------|-----------------|-------------|-----------------|
| WALLEYE | 31 | 51 | ND 180 | 48.0 | 37.9 60.1 | 1223 | 9.7 | 2.0 |

PCB AND MIREX DATA SUMMARIES

LAKE ERIE



ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ERIE#1

TOWNSHIP: -

DISTRICT: ESSPX

LAT/LONG: 4147/8240

YEAR: 1977

SUBLOC
(Pelee Island)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

SOURCE: HOE

| SPECIES | N | PCB (PPB) | | LENGTH (CM) | | | WT. (GM) | LIPID | MEAN | LIMIT | LIPID |
|---------|---|-----------|---------|-------------|-----|-----|----------|-------|------|-------|-------|
| | | MEAN | MIN MAX | MEAN | MIN | MAX | | | | | |

| | | | | | | | | | | | |
|---------|---|----|-----|-----|------|------|------|------|-----|-----|-----|
| W. BASS | * | 28 | 589 | 170 | 1540 | 26.1 | 20.5 | 35.0 | 263 | 0.0 | 2.4 |
|---------|---|----|-----|-----|------|------|------|------|-----|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|

| | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|
| W. BASS | - | A | A | A | A | B | - | - | - | - |
|---------|---|---|---|---|---|---|---|---|---|---|

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: HIREX

LOCATION: LAKE ERIE#1

TOWNSHIP: -

DISTRICT: ESSPX

LAT/LONG: 4147/8240

YEAR: 1977

SEX: -

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | HIREX (PPB) | | LENGTH (CM) | | | WT. (GM) | LIPID | MEAN | LIMIT | LIPID |
|---------|---|-------------|---------|-------------|-----|-----|----------|-------|------|-------|-------|
| | | MEAN | MIN MAX | MEAN | MIN | MAX | | | | | |

| | | | | | | | | | | |
|---------|----|----|----|----|------|------|------|-----|-----|-----|
| W. BASS | 28 | ND | ND | ND | 26.1 | 20.5 | 35.0 | 263 | 0.0 | 2.4 |
|---------|----|----|----|----|------|------|------|-----|-----|-----|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ERIE#2

TOWNSHIP: -

DISTRICT: ESSEX

LAT/LONG: 4200/8340

YEAR: 1978

SEX: -

SUBLOC:

(WESTERN BASIN)

TISSUE: WHOLE FISH

LIMIT: 2000 PPB

SOURCE: MOE

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|----|------|---------|------|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| SMELT | 10 | 647 | 360 | 1160 | 17.1 | 15.8 | 18.6 | 27 | 0.0 | 1.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ERIE#2

TOWNSHIP: -

DISTRICT: ESSEX

LAT/LONG: 4200/8340

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: WHOLE FISH

LIMIT: 100 PPB

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|----|-------|---------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| SMELT | 10 | ND | ND | ND | 17.1 | 15.8 | 18.6 | 27 | 0.0 | 1.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ERIE#2

TOWNSHIP: -

DISTRICT: KENT

LAT/LONG: 4217/8153

YEAR: 1978

SEX: -

SUBLOC:

(RONDEAU BAY)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|----|-------------|-------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| BLUEGILL * | 20 | 58 | 16 | 230 | 17.7 | 16.0 | 19.8 | 112 | 0.0 | 0.2 |
| L.M. BASS | 14 | 121 | 13 | 450 | 32.5 | 24.8 | 46.1 | 564 | 0.0 | 0.4 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| BLUEGILL | A | A | A | - | - | - | - | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ERIE#2

TOWNSHIP: -

DISTRICT: KENT

LAT/LONG: 4217/8153

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|---------------|-------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| BLUEGILL | 20 | ND | ND | ND | 17.7 | 16.0 | 19.8 | 112 | 0.0 | 0.2 |
| L.M. BASS | 14 | ND | ND | ND | 32.5 | 24.8 | 46.1 | 564 | 0.0 | 0.4 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ERIE#3

TOWNSHIP: -

DISTRICT: ELGIN

LAT/LONG: 4237/8107

YEAR: 1978

SEX: -

SUBLOC:
(CENTRAL BASIN)

TISSUE: MUSCLE
LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|----|------|--------|------|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| W. BASS | 20 | 793 | 390 | 1390 | 29.5 | 18.6 | 36.4 | 431 | 0.0 | 2.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ERIE#3

TOWNSHIP: -

DISTRICT: ELGIN

LAT/LONG: 4237/8107

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|----|-------|--------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| W. BASS | 20 | ND | ND | ND | 29.5 | 18.6 | 36.4 | 431 | 0.0 | 2.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ERIE#3

TOWNSHIP: -

DISTRICT: ELGIN

LAT/LONG: 4237/8107

YEAR: 1978

SEX: -

SUBLOC:
(CENTRAL BASIN)

TISSUE: WHOLE FISH

LIMIT: 2000 PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| SMELT | 10 | 631 | 320 | 850 | 16.6 | 14.5 | 21.2 | 26 | 0.0 | 2.0 |

- -

- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ERIE#3

TOWNSHIP: -

DISTRICT: ELGIN

LAT/LONG: 4237/8107

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: WHOLE FISH

LIMIT: 100 PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| SMELT | 10 | ND | ND | ND | 16.6 | 14.5 | 21.2 | 26 | 0.0 | 2.0 |

- -

- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ERIE#4

TOWNSHIP: -

DISTRICT: HALDIMAND-NORFOLK

LAT/LONG: 4238/8020

YEAR: 1978

SEX: -

SUBLOC:

(PORT DOVER AREA)

TISSUE: WHOLE FISH

LIMIT: 2000 PPB

SOURCE: MOE

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|---------|----|------|--------|-----|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| SMELT | 10 | 599 | 400 | 760 | 14.1 | 13.3 | 15.0 | 14 | 0.0 | 1.5 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ERIE#4

TOWNSHIP: -

DISTRICT: HALDIMAND-NORF

LAT/LONG: 4238/8020

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: WHOLE FISH

LIMIT: 100 PPB

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % |
|---------|----|-------|--------|-----|-------------|------|------|---------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| SMELT | 10 | ND | ND | ND | 14.1 | 13.3 | 15.0 | 14 | 0.0 | 1.5 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ERIE#4

TOWNSHIP: -

DISTRICT: HALDIMAND-NORFOLK

SUBLOC:
(PORT DOVER AREA)

TISSUE: MUSCLE

LAT/LONG: 4238/8020

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID | |
|----------|---|-------------|-------|-----|-------------|------|------|-----------------|-------------|-----------------|-----|
| | | | MIN | MAX | MEAN | MIN | MAX | | | | |
| W. BASS | * | 20 | 574 | 370 | 860 | 24.5 | 22.8 | 26.8 | 189 | 0.0 | 1.1 |
| Y. PERCH | | 25 | 356 | 55 | 520 | 22.8 | 19.1 | 32.3 | 162 | 0.0 | 0.5 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| W. BASS | - | - | A | A | - | - | - | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

- - - ONTARIO MINISTRY OF THE ENVIRONMENT - - -

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ERIE#4

TOWNSHIP: -

DISTRICT: HALDIMAND-NORF

LAT/LONG: 4238/8020

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|-------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| W. BASS | 20 | ND | ND | ND | 24.5 | 22.8 | 26.8 | 189 | 0.0 | 1.1 |
| Y. PERCH | 25 | ND | ND | ND | 22.8 | 19.1 | 32.3 | 162 | 0.0 | 0.5 |

- - -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ERIE#4

SUBLOC: IL

TOWNSHIP: -

(INNER LONG POINT
BAY)

DISTRICT: HALDIMAND

LAT/LONG: 4237/8022

YEAR: 1978

SOURCE: MOE

TISSUE: WHOLE FISH

LIMIT: 2000 PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> | MEAN % |
|----------|----|------|---------|-----|-------------|------|------|----------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| Y. PERCH | 14 | 24 | ND | 49 | 22.2 | 20.5 | 24.0 | 129 | 0.0 | 0.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ERIE#4

SUBLOC: IL

TOWNSHIP: -

(INNER LONG POINT
BAY)

DISTRICT: HALDIMAND

LAT/LONG: 4237/8022

YEAR: 1978

SOURCE: MOE

TISSUE: WHOLE FISH

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> | MEAN % |
|----------|----|-------|---------|-----|-------------|------|------|----------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| Y. PERCH | 14 | ND | ND | ND | 22.2 | 20.5 | 24.0 | 129 | 0.0 | 0.3 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ERIE#4

TOWNSHIP: WALPOLE

DISTRICT: NORFOLK

LAT/LONG: 4240/8010

YEAR: 1978

SEX: -

SUBLOC:
(LONG POINT BAY)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 31 | 134 | ND | 450 | 20.7 | 14.7 | 31.5 | 161 | 0.0 | 0.8 |
| COHO | 1 | 1890 | - | - | 68.0 | - | - | 0 | 0.0 | 15.4 |
| SMELT | 6 | 443 | 330 | 560 | 19.4 | 18.0 | 21.5 | 60 | 0.0 | 2.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ERIE#4

TOWNSHIP: WALPOLE

DISTRICT: NORFOLK

LAT/LONG: 4240/8010

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 31 | ND | ND | ND | 20.7 | 14.7 | 31.5 | 161 | 0.0 | 0.8 |
| COHO | 1 | ND | - | - | 68.0 | - | - | 0 | 0.0 | 15.4 |
| SMELT | 6 | ND | ND | ND | 19.4 | 18.0 | 21.5 | 60 | 0.0 | 2.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ERIE #4

TOWNSHIP:

DISTRICT: HALDIMAND-NORFOLK AREA

LAT/LONG:

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|-------------|--------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| RAINBOW | 16 | 769 | 340 | 1290 | 57.2 | 38.5 | 72.5 | 1849 | 0.0 | 3.5 |

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- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ERIE

TOWNSHIP: -

DISTRICT: -

LAT/LONG:

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| RAINBOW | 16 | ND | ND | ND | 57.2 | 38.5 | 72.5 | 1849 | 0.0 | 3.5 |

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- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB LOCATION: DETROIT RIVER(BOBLO ISLAND AREA)
TOWNSHIP: -
DISTRICT: ESSEX
LAT/LONG: 4206/8307
TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|------|-------------|--------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 20 | 525 | 260 | 800 | 44.9 | 38.8 | 52.5 | 849 | 0.0 | 0.6 |
| W. BASS | * 21 | 618 | 120 | 1150 | 28.9 | 23.1 | 34.6 | 329 | 0.0 | 1.6 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| W. BASS | - | - | A | A | A | A | - | - | - | - |

A PCB CONCENTRATION < 2000 PPB
B PCB CONCENTRATION > 2000 PPB
- PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX LOCATION: DETROIT RIVER
TOWNSHIP: -
DISTRICT: ESSEX
LAT/LONG: 4206/8307
TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
LIMIT: 100 PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 20 | ND | ND | ND | 44.9 | 38.8 | 52.5 | 849 | 0.0 | 0.6 |
| W. BASS | 21 | ND | ND | ND | 28.9 | 23.1 | 34.6 | 329 | 0.0 | 1.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: DETROIT RIVER

TOWNSHIP: MALDEN

DISTRICT: ESSEX

LAT/LONG: 4203/8309

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|------|---------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| R. BASS | 7 | 296 | 190 | 470 | 17.4 | 15.6 | 19.8 | 136 | 0.0 | 0.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: DETROIT RIVER

TOWNSHIP: MALDEN

DISTRICT: ESSEX

LAT/LONG: 4203/8309

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|-------|---------|-----|-------------|------|------|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| R. BASS | 7 | ND | ND | ND | 17.4 | 15.6 | 19.8 | 136 | 0.0 | 0.5 |

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PCB AND MIREX DATA SUMMARIES

LAKE ST. CLAIR

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ST. CLAIR

SUBLOC: TC
(TREMBLEY CREEK)

TOWNSHIP: -

DISTRICT: -

LAT/LONG: 4228/8240

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|------|-------------|---------|------|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| W. BASS | * 27 | 529 | 94 | 1080 | 30.3 | 23.5 | 37.9 | 400 | 0.0 | 2.0 |
| WALLEYE | 5 | 182 | 71 | 250 | 57.9 | 40.9 | 68.4 | 1861 | 0.0 | 0.5 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| W. BASS | - | - | A | A | A | A | - | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ST. CLAIR

TOWNSHIP: -

DISTRICT: -

LAT/LONG: 4228/8240

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| W. BASS | 27 | ND | ND | ND | 30.3 | 23.5 | 37.9 | 400 | 0.0 | 2.0 |
| WALLEYE | 5 | ND | ND | ND | 57.9 | 40.9 | 68.4 | 1861 | 0.0 | 0.5 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ST. CLAIR

TOWNSHIP: -

DISTRICT: -

LAT/LONG: -

YEAR: 1978

SUBLOC:
(TREMBLEY CREEK)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

SOURCE: MOE

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-------------|----|------|--|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 25 | 103 | | ND | 450 | 25.4 | 17.9 | 33.3 | 210 | 0.0 | 0.5 |
| S.M. BASS * | 20 | 440 | | 120 | 740 | 36.3 | 19.7 | 52.8 | 818 | 0.0 | 0.7 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|-----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| S.M. BASS | - | A | A | A | A | A | A | A | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ST. CLAIR

TOWNSHIP: -

DISTRICT: -

LAT/LONG: -

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------|--|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 25 | ND | | ND | ND | 25.4 | 17.9 | 33.3 | 210 | 0.0 | 0.5 |
| S.M. BASS | 20 | ND | | ND | ND | 36.3 | 19.7 | 52.8 | 818 | 0.0 | 0.7 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ST.CLAIR

TOWNSHIP: -

DISTRICT: -

LAT/LONG: -

YEAR: 1978

SEX: -

SUBLOC:
(MITCHELL BAY)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 1 | 360 | - | - | 30.1 | - | - | 340 | 0.0 | 0.5 |
| W. BASS | 2 | 730 | 680 | 780 | 35.3 | 34.8 | 35.8 | 620 | 0.0 | 1.2 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ST.CLAIR

TOWNSHIP: -

DISTRICT: -

LAT/LONG: -

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 1 | ND | - | - | 30.1 | - | - | 340 | 0.0 | 0.5 |
| W. BASS | 2 | ND | ND | ND | 35.3 | 34.8 | 35.8 | 620 | 0.0 | 1.2 |

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- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE ST. CLAIR

TOWNSHIP: TILBURY

DISTRICT: ESSEX

LAT/LONG: 4218/8231

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

SPECIES

N

PCB

(PPB)

LENGTH (CM)

WT. (GM)

%>

MEAN %

MEAN

MIN

MAX

MEAN MIN MAX

MEAN

LIMIT

LIPID

| | | | | | | | | | | |
|------------|----|------|-----|------|------|------|------|------|------|-----|
| W. BASS | 3 | 933 | 800 | 1100 | 36.4 | 35.5 | 37.6 | 652 | 0.0 | 1.0 |
| C. CATFISH | 31 | 1284 | ND | 3690 | 45.3 | 22.2 | 67.1 | 1068 | 12.9 | 5.5 |
| Y. PERCH | 25 | 108 | ND | 500 | 24.2 | 17.0 | 32.1 | 182 | 0.0 | 2.4 |

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- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE ST. CLAIR

TOWNSHIP: TILBURY

DISTRICT: ESSEX

LAT/LONG: 4218/8231

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

SPECIES

N

MIREX

(PPB)

LENGTH (CM)

WT. (GM)

%>

MEAN %

MEAN

MIN

MAX

MEAN MIN MAX

MEAN

LIMIT

LIPID

| | | | | | | | | | | |
|------------|----|----|----|----|------|------|------|------|-----|-----|
| W. BASS | 3 | ND | ND | ND | 36.4 | 35.5 | 37.6 | 652 | 0.0 | 1.0 |
| C. CATFISH | 31 | ND | ND | ND | 45.3 | 22.2 | 67.1 | 1068 | 0.0 | 5.5 |
| Y. PERCH | 25 | ND | ND | ND | 24.2 | 17.0 | 32.1 | 182 | 0.0 | 2.4 |

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- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: ST. CLAIR RIVER

SUBLOC: IO

TOWNSHIP: -

(BELOW IMPERIAL OIL)

DISTRICT: LAMBTON

LAT/LONG: 4233/8240

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|-------------|-------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| RAINBOW | 1 | 3000 | - | - | 55.5 | - | - | 1247 | 100.0 | 8.0 |
| WALLEYE * | 13 | 246 | 30 | 1220 | 42.8 | 33.5 | 54.6 | 829 | 0.0 | 0.9 |
| G. SHAD | 31 | 2426 | 450 | 9250 | 28.4 | 22.8 | 33.0 | 452 | 48.4 | 11.5 |
| SPLAKE | 3 | 1597 | 1440 | 1760 | 56.2 | 54.9 | 57.9 | 2419 | 0.0 | 6.4 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| WALLEYE | - | - | - | A | A | A | A | A | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: ST. CLAIR RIVER

SUBLOC: IO

TOWNSHIP: -

(BELOW IMPERIAL OIL)

DISTRICT: LAMBTON

LAT/LONG: 4233/8240

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|-------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| RAINBOW | 1 | ND | - | - | 55.5 | - | - | 1247 | 0.0 | 8.0 |
| WALLEYE | 13 | ND | ND | ND | 42.8 | 33.5 | 54.6 | 829 | 0.0 | 0.9 |
| G. SHAD | 31 | ND | ND | ND | 28.4 | 22.8 | 33.0 | 452 | 0.0 | 11.5 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: ST. CLAIR RIVER

SUBLOC: SI
(STAG ISLAND)

TOWNSHIP: -

DISTRICT: LAMBTON

LAT/LONG: 4233/8240

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB (PPB) | | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID | |
|-------------|----|-----------|-----|------|-------------|------|------|----------|--------------------------|------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |
| B. TROUT | 2 | 710 | 500 | 920 | 55.3 | 53.0 | 57.6 | 2382 | 0.0 | 3.2 |
| SPLAKE | 10 | 1351 | 640 | 2000 | 56.7 | 54.9 | 60.9 | 2381 | 7.7 | 7.7 |
| CHINOOK | 1 | 470 | - | - | 36.5 | - | - | 680 | 0.0 | 3.2 |
| WALLEYE * | 11 | 297 | 20 | 910 | 46.4 | 38.1 | 58.2 | 1175 | 0.0 | 1.2 |
| G. SHAD | 8 | 1435 | 640 | 2580 | 30.8 | 24.4 | 42.7 | 354 | 37.5 | 11.9 |
| R.H. SUCKER | 5 | 190 | 80 | 380 | 43.4 | 34.3 | 45.7 | 907 | 0.0 | 1.9 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| WALLEYE | - | - | - | - | A | A | A | B | - | - |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: ST. CLAIR RIVER

SUBLOC: SI
(STAG ISLAND)

TOWNSHIP: -

DISTRICT: LAMBTON

LAT/LONG: 4233/8240

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX (PPB) | | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID | |
|-------------|----|-------------|-----|-----|-------------|------|------|----------|--------------------------|------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |
| B. TROUT | 2 | ND | ND | ND | 55.3 | 53.0 | 57.6 | 2382 | 0.0 | 3.2 |
| SPLAKE | 13 | ND | ND | ND | 57.0 | 54.9 | 60.9 | 2390 | 0.0 | 7.4 |
| CHINOOK | 1 | ND | - | - | 36.5 | - | - | 680 | 0.0 | 3.2 |
| WALLEYE | 11 | ND | ND | ND | 46.4 | 38.1 | 58.2 | 1175 | 0.0 | 1.2 |
| G. SHAD | 8 | ND | ND | ND | 30.8 | 24.4 | 42.7 | 354 | 0.0 | 11.9 |
| R.H. SUCKER | 5 | ND | ND | ND | 43.4 | 34.3 | 45.7 | 907 | 0.0 | 1.9 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: ST. CLAIR RIVER

TOWNSHIP: -

DISTRICT: LAMBTON

LAT/LONG: 4233/8240

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|-------------|---------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| W. BASS | 18 | 773 | 400 | 1310 | 20.7 | 19.0 | 23.0 | 114 | 0.0 | 1.3 |
| BLUEGILL | 1 | 610 | - | - | 15.4 | - | - | 90 | 0.0 | 0.4 |
| R. BASS | 1 | 180 | - | - | 13.5 | - | - | 65 | 0.0 | 0.9 |
| WALLEYE | 20 | 491 | 200 | 850 | 41.4 | 23.7 | 59.5 | 755 | 0.0 | 1.0 |
| Y. PERCH | 20 | 630 | 260 | 1280 | 18.6 | 13.5 | 22.7 | 96 | 0.0 | 1.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: ST. CLAIR RIVER

TOWNSHIP: -

DISTRICT: LAMBTON

LAT/LONG: 4233/8240

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| W. BASS | 18 | ND | ND | ND | 20.7 | 19.0 | 23.0 | 114 | 0.0 | 1.3 |
| BLUEGILL | 1 | ND | - | - | 15.4 | - | - | 90 | 0.0 | 0.4 |
| R. BASS | 1 | ND | - | - | 13.5 | - | - | 65 | 0.0 | 0.9 |
| WALLEYE | 20 | ND | ND | ND | 41.4 | 23.7 | 59.5 | 755 | 0.0 | 1.0 |
| Y. PERCH | 20 | ND | ND | ND | 18.6 | 13.5 | 22.7 | 96 | 0.0 | 1.9 |

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PCB AND MIREX DATA SUMMARIES

LAKE HURON



ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON #NC 2

SUBLOC: KR

TOWNSHIP: BILLINGS

(KAGAWONG RIVER)

DISTRICT: MANITOULIN

LAT/LONG: 4554/8215

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 2000 PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| SMELT | 20 | 541 | 230 | 680 | 16.9 | 13.2 | 22.9 | 29 | 0.0 | 2.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON #NC 2

SUBLOC: KR

TOWNSHIP: BILLINGS

DISTRICT: MANITOULIN

LAT/LONG: 4554/8215

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| SMELT | 20 | ND | ND | ND | 16.9 | 13.2 | 22.9 | 29 | 0.0 | 2.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON NC #2

SUBLOC: MB

TOWNSHIP: -

(McGREGOR BAY)

DISTRICT: MANITOULIN

LAT/LONG: 4605/8140

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|-------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | 44 | 20 | 58 | 33.1 | 28.0 | 43.0 | 568 | 0.0 | 1.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON NC #2

SUBLOC: MB

TOWNSHIP: -

DISTRICT: MANITOULIN

LAT/LONG: 4605/8140

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|---|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| S.M. BASS | 5 | ND | ND | ND | 33.1 | 28.0 | 43.0 | 568 | 0.0 | 1.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB LOCATION: LAKE HURON H-3 (FISHING ISLANDS)
TOWNSHIP: -
DISTRICT: BRUCE
LAT/LONG: 4447/8119
TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|-------------|---------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| COHO | 4 | 1593 | 950 | 2640 | 66.9 | 55.7 | 78.2 | 3100 | 25.0 | 1.9 |
| RAINBOW | 16 | 1126 | 700 | 1650 | 58.9 | 27.5 | 72.4 | 3056 | 0.0 | 9.2 |
| CISCO | 21 | 940 | 210 | 3100 | 43.1 | 38.9 | 46.5 | 1011 | 4.8 | 8.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX LOCATION: LAKE HURON H-3
TOWNSHIP: -
DISTRICT: BRUCE
LAT/LONG: 4447/8119
TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
LIMIT: 100 PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| COHO | 4 | ND | ND | ND | 66.9 | 55.7 | 78.2 | 3100 | 0.0 | 1.9 |
| RAINBOW | 16 | ND | ND | ND | 58.9 | 27.5 | 72.4 | 3056 | 0.0 | 9.2 |
| CISCO | 21 | ND | ND | ND | 43.1 | 38.9 | 46.5 | 1011 | 0.0 | 8.0 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON#3

TOWNSHIP: AMABEL

DISTRICT: BRUCE

LAT/LONG: 4447/8119

YEAR: 1978

SEX: -

SUBLOC:
(FISHING ISLANDS)

TISSUE: MUSCLE

SOURCE: MOE

LIMIT: 2000

PPB

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|------------|----|------|-----|--------|-----|-------------|------|------|---------|--------------------------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | MEAN | |
| S.M. BASS | 29 | 152 | 33 | 280 | | 24.5 | 19.2 | 32.5 | 223 | 0.0 0.7 |
| COHO | 9 | 354 | 200 | 490 | | 54.5 | 46.9 | 64.6 | 1825 | 0.0 3.6 |
| B. TROUT * | 20 | 338 | 100 | 860 | | 57.3 | 40.7 | 70.5 | 3058 | 0.0 8.0 |
| CHINOOK * | 19 | 278 | 65 | 800 | | 40.4 | 23.8 | 77.0 | 879 | 0.0 1.4 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|----------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| B. TROUT | - | - | - | - | - | A | A | A | A | A |
| CHINOOK | - | - | A | A | A | A | A | A | A | A |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON#3

TOWNSHIP: AMABEL

DISTRICT: BRUCE

LAT/LONG: 4447/8119

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|-----------|----|-------|-----|--------|-----|-------------|------|------|---------|--------------------------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | MEAN | |
| S.M. BASS | 29 | ND | ND | ND | | 24.5 | 19.2 | 32.5 | 223 | 0.0 0.7 |
| COHO | 9 | ND | ND | ND | | 54.5 | 46.9 | 64.6 | 1825 | 0.0 3.6 |
| B. TROUT | 20 | ND | ND | ND | | 57.3 | 40.7 | 70.5 | 3058 | 0.0 8.0 |
| CHINOOK | 19 | ND | ND | ND | | 40.4 | 23.8 | 77.0 | 879 | 0.0 1.4 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON#5

TOWNSHIP: -

DISTRICT: LAMBTON

LAT/LONG: 4310/8215

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|------|-------------|---------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 4 | 84 | 66 | 120 | 39.5 | 35.9 | 43.4 | 613 | 0.0 | 0.8 |
| CHINOOK | 4 | 1740 | 980 | 2330 | 58.5 | 47.7 | 74.2 | 2900 | 50.0 | 10.6 |
| COHO | 5 | 888 | 350 | 1980 | 49.8 | 43.2 | 67.1 | 1645 | 0.0 | 8.9 |
| RAINBOW | * 10 | 879 | 380 | 2040 | 52.8 | 33.2 | 66.8 | 2000 | 10.0 | 6.8 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| RAINBOW | - | - | - | A | A | A | A | A | A | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT* MIREX

LOCATION: LAKE HURON#5

TOWNSHIP: -

DISTRICT: LAMBTON

LAT/LONG: 4310/8215

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 4 | ND | ND | ND | 39.5 | 35.9 | 43.4 | 613 | 0.0 | 0.8 |
| CHINOOK | 4 | ND | ND | ND | 58.5 | 47.7 | 74.2 | 2900 | 0.0 | 10.6 |
| COHO | 5 | ND | ND | ND | 49.8 | 43.2 | 67.1 | 1645 | 0.0 | 8.9 |
| RAINBOW | 10 | ND | ND | ND | 52.8 | 33.2 | 66.8 | 2000 | 0.0 | 6.8 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON#5

TOWNSHIP: -

DISTRICT: LAMBTON

LAT/LONG: 4310/8215

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|----------|----|------|--|-------|------|-------------|------|------|---------|--------------------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | |
| B. TROUT | 27 | 1241 | | 620 | 2110 | 51.2 | 44.7 | 60.6 | 2042 | 7.4 |
| Y. PERCH | 30 | 102 | | 20 | 550 | 21.8 | 18.2 | 24.4 | 131 | 0.0 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
|---------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|

| | | | | | | | | | | |
|----------|---|---|---|---|---|---|---|---|---|---|
| B. TROUT | - | - | - | - | - | A | A | - | - | - |
|----------|---|---|---|---|---|---|---|---|---|---|

A PCB CONCENTRATION < 2000 PPB

B PCB CONCENTRATION > 2000 PPB

- PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON#5

TOWNSHIP: -

DISTRICT: LAMBTON

LAT/LONG: 4310/8215

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|----------|----|-------|--|-------|-----|-------------|------|------|---------|--------------------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | |
| B. TROUT | 27 | ND | | ND | ND | 51.2 | 44.7 | 60.6 | 2042 | 0.0 |
| Y. PERCH | 30 | ND | | ND | ND | 21.8 | 18.2 | 24.4 | 131 | 0.0 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON#3

TOWNSHIP: -

DISTRICT: LAMBTON

LAT/LONG: 4310/8215

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (G) | | > MEAN % LIMIT LIPID |
|----------|----|------|--|--------|------|-------------|------|------|---------|------|-------------------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| Y. PERCH | 4 | 84 | | 66 | 120 | 39.5 | 35.9 | 43.4 | 613 | 0.0 | 0.8 |
| CHINOOK | 4 | 1740 | | 980 | 2330 | 58.5 | 47.7 | 74.2 | 2900 | 50.0 | 10.6 |
| COHO | 5 | 888 | | 350 | 1980 | 49.8 | 43.2 | 67.1 | 1645 | 0.0 | 8.9 |
| RAINBOW | 10 | 675 | | 4 | 1190 | 52.8 | 33.2 | 66.8 | 2000 | 0.0 | 6.8 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON#3

TOWNSHIP: -

DISTRICT: LAMBTON

LAT/LONG: 4310/8215

TISSUE: MUSCLE

YEAR: 1977

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (G) | | > MEAN % LIMIT LIPID |
|----------|----|-------|--|--------|-----|-------------|------|------|---------|-----|-------------------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| Y. PERCH | 4 | ND | | ND | ND | 39.5 | 35.9 | 43.4 | 613 | 0.0 | 0.8 |
| CHINOOK | 4 | ND | | ND | ND | 58.5 | 47.7 | 74.2 | 2900 | 0.0 | 10.6 |
| COHO | 5 | ND | | ND | ND | 49.8 | 43.2 | 67.1 | 1645 | 0.0 | 8.9 |
| RAINBOW | 10 | ND | | ND | ND | 52.8 | 33.2 | 66.8 | 2000 | 0.0 | 6.8 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON #H5

SUBLOC: PF
(PORT FRANKS)

TOWNSHIP: BOSANQUET

DISTRICT: LAMBTON

LAT/LONG: 4313/8155

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|----|-------------|---------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| C. CATFISH | 20 | 721 | 310 | 1270 | 45.8 | 37.3 | 54.9 | 1184 | 0.0 | 4.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON #H5

SUBLOC: PF

TOWNSHIP: BOSANQUET

DISTRICT: LAMBTON

LAT/LONG: 4313/8155

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|----|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| C. CATFISH | 20 | ND | ND | ND | 45.8 | 37.3 | 54.9 | 1184 | 0.0 | 4.5 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON#5

TOWNSHIP: BOSANQUET

DISTRICT: LAMBTON

LAT/LONG: 4315/8155

YEAR: 1978

SUBLOC:
(PORT FRANKS)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-------------|----|-------------|-------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH * | 20 | 339 | 74 | 1210 | 23.1 | 18.0 | 32.0 | 189 | 0.0 | 1.0 |
| WHITEFISH * | 20 | 276 | 150 | 650 | 43.8 | 20.7 | 63.0 | 953 | 0.0 | 4.3 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|-----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| Y. PERCH | - | A | A | A | A | - | - | - | - | - |
| WHITEFISH | - | A | A | A | A | A | A | A | A | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON#5

TOWNSHIP: BOSANQUET

DISTRICT: LAMBTON

LAT/LONG: 4315/8155

YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|-----------|----|---------------|-------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 20 | ND | ND | ND | 23.1 | 18.0 | 32.0 | 189 | 0.0 | 1.0 |
| WHITEFISH | 20 | ND | ND | ND | 43.8 | 20.7 | 63.0 | 953 | 0.0 | 4.3 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON H-5

TOWNSHIP: SARNIA

DISTRICT: LAMBTON

LAT/LONG: 4315/8200

YEAR: 1978

SEX: -

SUBLOC:
(GRAND BEND)

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|------|-------------|---------|------|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| COHO | * 15 | 656 | 220 | 1700 | 53.8 | 41.4 | 71.9 | 1877 | 0.0 | 2.6 |
| BUPBOT | 1 | 560 | - | - | 47.6 | - | - | 1275 | 0.0 | 3.4 |
| RAINBOW | * 13 | 585 | 99 | 1480 | 59.0 | 38.6 | 65.5 | 2717 | 0.0 | 6.7 |
| B. TROUT | 6 | 366 | 16 | 1000 | 52.9 | 38.3 | 62.4 | 2296 | 0.0 | 4.5 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| COHO | - | - | - | - | - | A | A | A | A | B |
| RAINBOW | - | - | - | - | A | A | A | A | A | - |

A PCB CONCENTRATION < 2000 PPB
B PCB CONCENTRATION > 2000 PPB
- PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON H-5

TOWNSHIP: SARNIA

DISTRICT: LAMBTON

LAT/LONG: 4315/8200

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|---------|-----|-------------|------|------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| COHO | 15 | ND | ND | ND | 53.8 | 41.4 | 71.9 | 1877 | 0.0 | 2.6 |
| BUPBOT | 1 | ND | - | - | 47.6 | - | - | 1275 | 0.0 | 3.4 |
| RAINBOW | 13 | ND | ND | ND | 59.0 | 38.6 | 65.5 | 2717 | 0.0 | 6.7 |
| B. TROUT | 6 | ND | ND | ND | 52.9 | 38.3 | 62.4 | 2296 | 0.0 | 4.5 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON#5

TOWNSHIP: -

DISTRICT: LAMBTON

LAT/LONG: 4300/8224

YEAR: 1978

SEX: -

SUBLOC
(POINT EDWARD)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|-------------|--------|------|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| CARP | 10 | 1334 | 610 | 3270 | 68.2 | 59.6 | 84.4 | 5163 | 10.0 | 8.2 |
| RAINBOW | 1 | 500 | - | - | 58.6 | - | - | 2100 | 0.0 | 1.5 |

- -

- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON#5

TOWNSHIP: -

DISTRICT: LAMBTON

LAT/LONG: 4300/8224

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| CARP | 10 | ND | ND | ND | 68.2 | 59.6 | 84.4 | 5163 | 0.0 | 8.2 |
| RAINBOW | 1 | ND | - | - | 58.6 | - | - | 2100 | 0.0 | 1.5 |

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- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON#GB1
TOWNSHIP: MANITOULIN ISLAND
DISTRICT: MANITOULIN
LAT/LONG: 4538/8130
YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | |
|---------|----|------|---------|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | LIMIT LIPID |
| BLOATER | 20 | 755 | 260 | 1530 | 27.9 | 24.6 | 34.0 | 230 | 0.0 | 7.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON#GB1
TOWNSHIP: MANITOULIN ISLAND
DISTRICT: MANITOULIN
LAT/LONG: 4538/8130
YEAR: 1978

SOURCE: MOE

TISSUE: MUSCLE
LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | |
|---------|----|-------|---------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | LIMIT LIPID |
| BLOATER | 20 | ND | ND | ND | 27.9 | 24.6 | 34.0 | 230 | 0.0 | 7.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON/GB1

TOWNSHIP: -

DISTRICT: SUDBURY

LAT/LONG: 4602/8049

YEAR: 1977

SEX: -

SUBLOC
(Wanapitei Bay)

SOURCE: NOT

TISSUE: MUSCLE

LIMIT: 2000

PPB

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | (> MEAN LIMIT LIPID |
|---------|---|-------------|---------|-----|-------------|-----|-----|-----------------|------------------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | |

| | | | | | | | | | |
|---------|----|---|----|----|------|------|------|------|---------|
| WALLEYE | 10 | 9 | ND | 57 | 47.8 | 34.0 | 57.0 | 1049 | 0.0 0.3 |
|---------|----|---|----|----|------|------|------|------|---------|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON/GB1

TOWNSHIP: -

DISTRICT: SUDBURY

LAT/LONG: 4602/8049

YEAR: 1977

SEX: -

SOURCE: NOT

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | (> MEAN LIMIT LIPID |
|---------|---|---------------|---------|-----|-------------|-----|-----|-----------------|------------------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | |

| | | | | | | | | | |
|---------|----|----|----|----|------|------|------|------|---------|
| WALLEYE | 10 | ND | ND | ND | 47.8 | 34.0 | 57.0 | 1049 | 0.0 0.3 |
|---------|----|----|----|----|------|------|------|------|---------|

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON/GB1

TOWNSHIP: -

DISTRICT: PARRY SOUND

SUBLOC
(Whitefish Bay)

LAT/LONG: 4555/8056

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|---------|------|------|-----|-------|------|-------------|------|------|---------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | * 14 | 78 | ND | 220 | 52.2 | 46.1 | 57.0 | 1352 | 0.0 | 0.6 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| WALLEYE | - | - | - | - | - | A | A | A | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON/GB1

TOWNSHIP: -

DISTRICT: PARRY SOUND

LAT/LONG: 4555/8056

YEAR: 1977

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|---------|----|-------|-----|-------|------|-------------|------|------|---------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 14 | ND | ND | ND | 52.2 | 46.1 | 57.0 | 1352 | 0.0 | 0.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON GB2

TOWNSHIP: ST. EDMUNDS

DISTRICT: BRUCE CO.

LAT/LONG: 4525/8130

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|------|-------|-----|-------------|-----|-----|----------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |

| | | | | | | | | | | | |
|---------|---|----|-----|-----|------|------|------|------|-----|-----|-----|
| BLOATER | * | 18 | 877 | 240 | 2880 | 29.4 | 21.0 | 41.6 | 281 | 5.6 | 9.3 |
|---------|---|----|-----|-----|------|------|------|------|-----|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| BLOATER | - | A | A | A | A | B | B | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON GB2

TOWNSHIP: ST. EDMUNDS

DISTRICT: BRUCE CO.

LAT/LONG: 4525/8130

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT | LIPID |
|---------|---|-------|-------|-----|-------------|-----|-----|----------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |

| | | | | | | | | | | |
|---------|----|----|----|----|------|------|------|-----|-----|-----|
| BLOATER | 18 | ND | ND | ND | 29.4 | 21.0 | 41.6 | 281 | 0.0 | 9.3 |
|---------|----|----|----|----|------|------|------|-----|-----|-----|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB LOCATION: LAKE HURON GB3 (PARRY SOUND)
 TOWNSHIP: -
 DISTRICT: PARRY SOUND
 LAT/LONG: 4522/8008
 TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
 LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|----|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| BURBOT | 8 | 76 | 40 | 140 | 57.8 | 45.0 | 67.0 | 1725 | 0.0 | 0.4 |
| SPLAKE | 4 | 718 | 550 | 940 | 46.1 | 40.5 | 51.0 | 1438 | 0.0 | 6.8 |
| Y. PERCH * | 15 | 352 | 55 | 550 | 24.1 | 22.0 | 27.0 | 107 | 0.0 | 1.0 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| Y. PERCH | - | A | A | A | - | - | - | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX LOCATION: LAKE HURON GB3 (PARRY SOUND)
 TOWNSHIP: -
 DISTRICT: PARRY SOUND
 LAT/LONG: 4522/8008
 TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
 LIMIT: 100 PPB SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| BURBOT | 8 | ND | ND | ND | 57.8 | 45.0 | 67.0 | 1725 | 0.0 | 0.4 |
| SPLAKE | 4 | ND | ND | ND | 46.1 | 40.5 | 51.0 | 1438 | 0.0 | 6.8 |
| Y. PERCH | 15 | ND | ND | ND | 24.1 | 22.0 | 27.0 | 107 | 0.0 | 1.0 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE HURON#GB 4

TOWNSHIP: -

DISTRICT: -

LAT/LONG: 4443/8038

YEAR: 1978

SEX: -

SUBLOC:

(CAPE RICH)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | % > MEAN % LIMIT LIPID |
|---------|----|------|--|---------|------|-------------|------|------|----------|---------------------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | |
| BLOATER | 33 | 531 | | 140 | 2450 | 28.0 | 18.7 | 37.4 | 245 | 9.1 20.6 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE HURON#GB 4

TOWNSHIP: -

DISTRICT: -

LAT/LONG: 4443/8038

YEAR: 1978

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

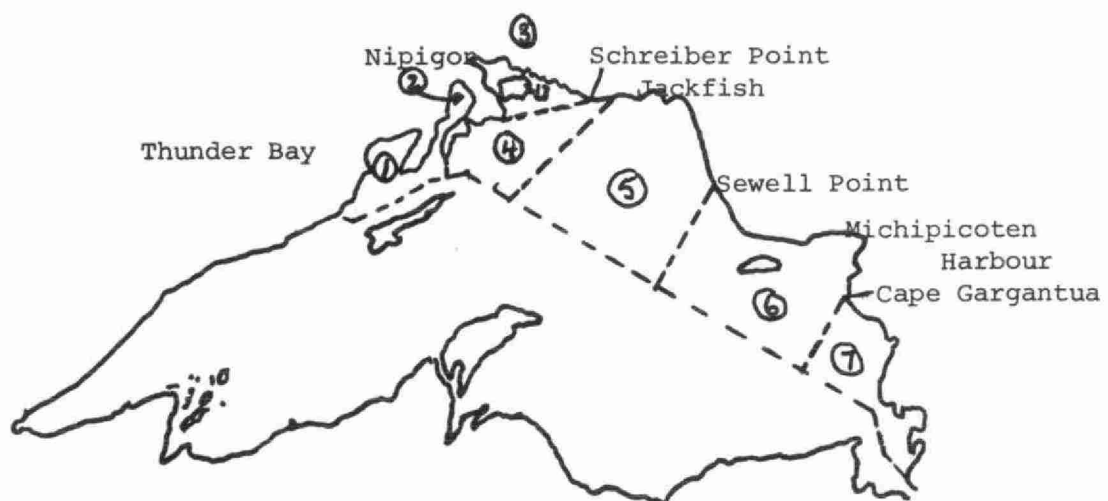
LIMIT: 100

PPB

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (GM) | % > MEAN % LIMIT LIPID |
|---------|----|-------|--|---------|-----|-------------|------|------|----------|---------------------------|
| | | MEAN | | MIN | MAX | MEAN | MIN | MAX | | |
| BLOATER | 33 | ND | | ND | ND | 28.0 | 18.7 | 37.4 | 245 | 0.0 20.6 |

PCB AND MIREX DATA SUMMARIES

LAKE SUPERIOR



ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#1

TOWNSHIP: TERRACE BAY

DISTRICT: THUNDER BAY

LAT/LONG: 4847/8706

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|---------|---|------|-----|-------|------|-------------|-----|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |

| | | | | | | | | | | | |
|---------|---|----|-----|----|------|------|------|------|------|-----|-----|
| RAINBOW | * | 23 | 292 | 91 | 1660 | 53.8 | 40.0 | 70.0 | 1850 | 0.0 | 3.4 |
|---------|---|----|-----|----|------|------|------|------|------|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|---------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| RAINBOW | - | - | - | - | - | A | A | A | A | A |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SUPERIOR#1

TOWNSHIP: TERRACE BAY

DISTRICT: THUNDER BAY

LAT/LONG: 4847/8706

TISSUE: WHOLE FISH

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|---------|---|-------|-----|-------|------|-------------|-----|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |

| | | | | | | | | | | |
|---------|----|----|----|----|------|------|------|------|-----|-----|
| RAINBOW | 23 | ND | ND | ND | 53.8 | 40.0 | 70.0 | 1850 | 0.0 | 3.4 |
|---------|----|----|----|----|------|------|------|------|-----|-----|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#2

TOWNSHIP: -

DISTRICT: THUNDER BAY

LAT/LONG: 4834/8847

YEAR: 1978

SEX: -

SUBLOC:
(ELDORADO BEACH)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|------|-------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | | |
|----------|---|----|-----|-----|------|------|------|------|------|-----|-----|
| L. TROUT | * | 20 | 583 | 210 | 1060 | 47.3 | 36.0 | 60.0 | 1352 | 0.0 | 7.7 |
|----------|---|----|-----|-----|------|------|------|------|------|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|----------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| L. TROUT | - | - | - | - | A | A | A | A | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

- -

- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SUPERIOR#2

TOWNSHIP: -

DISTRICT: THUNDER BAY

LAT/LONG: 4834/8847

YEAR: 1978

SEX: -

SUBLOC:
(ELDORADO BEACH)

TISSUE: MUSCLE

LIMIT: 100

PPB

SOURCE: MOE

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|-------|-------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | |
|----------|----|----|----|----|------|------|------|------|-----|-----|
| L. TROUT | 20 | ND | ND | ND | 47.3 | 36.0 | 60.0 | 1352 | 0.0 | 7.7 |
|----------|----|----|----|----|------|------|------|------|-----|-----|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#1

TOWNSHIP: -

DISTRICT: THUNDER BAY

LAT/LONG: 4819/8858

YEAR: 1978

SEX: -

SUBLOC:

(HARE ISLAND)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | | |
|----------|---|----|-----|-----|------|------|------|------|------|-----|-----|
| L. TROUT | * | 20 | 740 | 150 | 1340 | 48.2 | 30.0 | 68.0 | 1566 | 0.0 | 8.4 |
|----------|---|----|-----|-----|------|------|------|------|------|-----|-----|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | A | A | A | A | A | A | - |

| | | | |
|---|-----|----------------------------------|-----|
| A | PCB | CONCENTRATION < 2000 | PPB |
| B | PCB | CONCENTRATION > 2000 | PPB |
| - | PCB | DATA NOT AVAILABLE FOR THIS SIZE | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SUPERIOR#1

TOWNSHIP: -

DISTRICT: THUNDER BAY

LAT/LONG: 4819/8858

YEAR: 1978

SEX: -

SUBLOC:

(HARE ISLAND)

TISSUE: MUSCLE

LIMIT: 100

PPB

SOURCE: MOE

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN % |
|---------|---|-------|--------|-----|-------------|-----|-----|---------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |

| | | | | | | | | | | |
|----------|----|----|----|----|------|------|------|------|-----|-----|
| L. TROUT | 20 | ND | ND | ND | 48.2 | 30.0 | 68.0 | 1566 | 0.0 | 8.4 |
|----------|----|----|----|----|------|------|------|------|-----|-----|

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#2

TOWNSHIP: -

DISTRICT: THUNDER BAY

LAT/LONG: 4829/8905

YEAR: 1978

SEX: -

SUBLOC:
(GREEN POINT)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|------------|----|------|-----|-------|------|-------------|------|------|---------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| L. TROUT * | 18 | 808 | 150 | 2170 | 47.8 | 34.0 | 65.0 | 1412 | 5.6 | 6.9 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | - | A | A | A | A | B | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SUPERIOR#2

TOWNSHIP: -

DISTRICT: THUNDER BAY

LAT/LONG: 4829/8905

YEAR: 1978

SEX: -

SUBLOC:
(GREEN POINT)

TISSUE: MUSCLE

LIMIT: 100

PPB

SOURCE: MOE

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % LIMIT LIPID |
|----------|----|-------|-----|-------|------|-------------|------|------|---------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |
| L. TROUT | 18 | ND | ND | ND | 47.8 | 34.0 | 65.0 | 1412 | 0.0 | 6.9 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#1

TOWNSHIP: -

DISTRICT: THUNDER BAY

LAT/LONG: 4850/8825

YEAR: 1978

SEX: -

SUBLOC:
(BLACK BAY)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|-------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 5 | 29 | 13 | 65 | 22.4 | 20.0 | 25.0 | 189 | 0.0 | 0.6 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SUPERIOR#2

TOWNSHIP: -

DISTRICT: THUNDER BAY

LAT/LONG: 4850/8825

YEAR: 1978

SEX: -

SUBLOC:
(BLACK BAY)

TISSUE: MUSCLE

LIMIT: 100

PPB

SOURCE: MOE

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|---|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| Y. PERCH | 5 | ND | ND | ND | 22.4 | 20.0 | 25.0 | 189 | 0.0 | 0.6 |

- -

- -

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#5 (Peninsula Harbour)

TOWNSHIP: -

DISTRICT: Thunder Bay

LAT/LONG: 4844/8625

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|-------------|----|------|------|--------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | | | |
| WHITEFISH * | 22 | 3093 | 330 | 11800 | | 38.8 | 28.5 | 57.5 | 532 | 45.5 | 2.4 |
| I. TROUT | 8 | 4485 | 1890 | 11300 | | 71.4 | 67.5 | 74.3 | 3805 | 87.5 | 21.0 |
| H.N.SUCKER* | 16 | 5349 | 575 | 15820 | | 35.9 | 24.0 | 45.5 | 556 | 80.0 | 2.5 |
| W. SUCKER | 1 | - | - | 2270 | | - | - | 40.0 | 680 | 50.0 | 3.3 |
| PIKE | 1 | 890 | - | - | | 62.5 | - | - | 1721 | 0.0 | 0.8 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

SIZE RANGE: (INCHES)

| SPECIES | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
|------------|----|-----|------|-------|-------|-------|-------|-------|-------|-----|
| WHITEFISH | - | - | - | A | A | B | B | B | - | - |
| L.N.SUCKER | - | - | A | B | B | B | B | - | - | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SUPERIOR#5

TOWNSHIP: -

DISTRICT: Thunder Bay

LAT/LONG: 4844/8625

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|------------|----|-------|-----|--------|-----|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MAX | MEAN | MIN | MAX | | | |
| WHITEFISH | 22 | ND | ND | ND | | 38.8 | 28.5 | 57.5 | 532 | 0.0 | 2.4 |
| L. TROUT | 8 | ND | ND | ND | | 71.4 | 67.5 | 74.3 | 3805 | 0.0 | 21.0 |
| H.N.SUCKER | 16 | ND | ND | ND | | 35.9 | 24.0 | 45.5 | 556 | 0.0 | 2.5 |
| W. SUCKER | 1 | ND | ND | ND | | - | - | 40.0 | 680 | 0.0 | 3.3 |
| PIKE | 1 | ND | - | - | | 62.5 | - | - | 1721 | 0.0 | 0.8 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB LOCATION: LAKE SUPERIOR#5 (Peninsula Harbour)
 TOWNSHIP: -
 DISTRICT: Thunder Bay
 LAT/LONG: 4844/8625
 YEAR: 1978 SOURCE: MOE

TISSUE: WHOLE FISH
 LIMIT: 2000 PPB SEX: -
 SPECIES N PCB (PPB) LENGTH (CM) WT.(GM) %> MEAN %
 MEAN MIN MAX MEAN MIN MAX MEAN LIMIT LIPID

| | | | | | | | | | | |
|------------|---|-----|-----|-----|------|------|------|-----|-----|-----|
| SMELT | 1 | 190 | - | - | 18.0 | - | - | 0 | 0.0 | 3.6 |
| L.N.SUCKER | 4 | 905 | 770 | 990 | 25.0 | 21.5 | 32.5 | 210 | 0.0 | 1.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX LOCATION: LAKE SUPERIOR#5
 TOWNSHIP: -
 DISTRICT: Thunder Bay
 LAT/LONG: 4844/8625
 YEAR: 1978 SOURCE: MOE

TISSUE: WHOLE FISH
 LIMIT: 100 PPB SEX: -

SPECIES N MIREX (PPB) LENGTH (CM) WT.(GM) %> MEAN %
 MEAN MIN MAX MEAN MIN MAX MEAN LIMIT LIPID

| | | | | | | | | | | |
|------------|---|----|----|----|------|------|------|-----|-----|-----|
| SMELT | 1 | ND | - | - | 18.0 | - | - | 0 | 0.0 | 3.6 |
| L.N.SUCKER | 4 | ND | ND | ND | 25.0 | 21.5 | 32.5 | 210 | 0.0 | 1.9 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#5

TOWNSHIP:

DISTRICT: THUNDER BAY

LAT/LONG: 4847/8707

YEAR: 1977

SEX: -

SUBLOC

(Terrace Bay)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % MEAN |
|-----------|----|------|-----|-------|------|-------------|------|------|---------|-----|------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | | |
| P. SALMON | 29 | 115 | ND | 300 | 37.0 | 32.7 | 42.1 | 517 | 0.0 | 0.7 | | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SUPERIOR#5

TOWNSHIP:

DISTRICT: THUNDER BAY

LAT/LONG: 4847/8707

YEAR: 1977

SEX: -

SOURCE: MOE

TISSUE: MUSCLE

LIMIT: 100

PPB

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> | MEAN | % MEAN |
|-----------|----|-------|-----|-------|------|-------------|------|------|---------|-----|------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | | |
| P. SALMON | 29 | ND | ND | ND | 37.0 | 32.7 | 42.1 | 517 | 0.0 | 0.7 | | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#6

TOWNSHIP: -

DISTRICT: Algoma

LAT/LONG: 4756/8451

YEAR: 1978

SEX: -

SUBLOC:
(MICHIPICOTEN RIVER)

TISSUE: MUSCLE

LIMIT: 2000

PPB

SOURCE: MOE

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|------|-------------|--------|------|-------------|------|------|---------------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | * 15 | 810 | 490 | 1160 | 67.5 | 59.0 | 76.5 | 3227 ^R 2981 | 0.0 | 13.3 |
| RAINBOW | * 15 | 379 | 40 | 900 | 56.6 | 34.2 | 66.6 | 1823 | 0.0 | 3.2 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | - | - | - | A | A | A | A |
| RAINBOW | - | - | - | - | A | A | A | A | A | - |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SUPERIOR#6

TOWNSHIP: -

DISTRICT: Algoma

LAT/LONG: 4756/8451

YEAR: 1978

SEX: -

SUBLOC:
MICHIPICOTEN RIVER)

TISSUE: MUSCLE

LIMIT: 100

PPB

SOURCE: MOE

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|--------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 15 | ND | ND | ND | 67.5 | 59.0 | 76.5 | 2981 | 0.0 | 13.3 |
| RAINBOW | 15 | ND | ND | ND | 56.6 | 34.2 | 66.6 | 1823 | 0.0 | 3.2 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#6

TOWNSHIP: -

DISTRICT: SAULT STE. MAR

LAT/LONG: 4737/8522

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> | MEAN % |
|------------|----|------|---------|------|-------------|------|------|----------|-------|--------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID |
| CISCO | 15 | 1492 | 420 | 3740 | 30.7 | 26.8 | 38.0 | 270 | 20.0 | 11.5 |
| L. TROUT * | 30 | 1096 | 100 | 5600 | 55.1 | 35.0 | 73.1 | 2093 | 13.3 | 9.1 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | - | A | A | A | A | A | B |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB LOCATION: LAKE SUPERIOR#7 SUBLOC: SR
 TOWNSHIP: - (ST.MARY'S RIVER)
 DISTRICT: ALGOMA (SAULT STE.MARIE)
 LAT/LONG: 4631/8420
 TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
 LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|---------|---|------|-----|---------|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | | |
| RAINBOW | 4 | 455 | 330 | 720 | 54.3 | 47.0 | 58.0 | 1700 | 0.0 | 4.5 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX LOCATION: LAKE SUPERIOR#7 SUBLOC: SR
 TOWNSHIP: - (SAULT STE. MARIE)
 DISTRICT: ALGOMA
 LAT/LONG: 4631/8420
 TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
 LIMIT: 100 PPB SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT.(GM) | %> MEAN % | LIMIT LIPID |
|---------|---|-------|-----|---------|------|-------------|------|------|---------|-----------|-------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | | | | |
| RAINBOW | 4 | ND | ND | ND | 54.3 | 47.0 | 58.0 | 1700 | 0.0 | 4.5 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB LOCATION: LAKE SUPERIOR#7 SUBLOC: GB
 TOWNSHIP: - (GOULAIS BAY)
 DISTRICT: ALGOMA
 LAT/LONG: 4643/8430
 TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
 LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> | MEAN | % |
|---------|---|------|---------|-----|-------------|------|------|----------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| WALLEYE | 5 | 302 | ND | 460 | 62.8 | 62.0 | 64.0 | 2880 | 0.0 | 3.5 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX LOCATION: LAKE SUPERIOR#7 SUBLOC: GB
 TOWNSHIP: -
 DISTRICT: ALGOMA
 LAT/LONG: 4643/8430
 TISSUE: MUSCLE YEAR: 1978 SOURCE: MOE
 LIMIT: 100 PPB SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> | MEAN | % |
|---------|---|-------|---------|-----|-------------|------|------|----------|-------|-------|---|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | LIMIT | LIPID | |
| WALLEYE | 5 | ND | ND | ND | 62.8 | 62.0 | 64.0 | 2880 | 0.0 | 3.5 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#7

SUBLOC: BB
(BATCHAWANA BAY)

TOWNSHIP: -

DISTRICT: ALGOMA

LAT/LONG: 4653/8430

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|-------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | 350 | 290 | 460 | 62.8 | 52.0 | 75.0 | 2900 | 0.0 | 1.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SUPERIOR#7

SUBLOC: BB

TOWNSHIP: -

DISTRICT: ALGOMA

LAT/LONG: 4653/8430

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100 PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT.(GM) MEAN | %> LIMIT | MEAN % LIPID |
|---------|---|---------------|---------|-----|-------------|------|------|-----------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| WALLEYE | 5 | ND | ND | ND | 62.8 | 52.0 | 75.0 | 2900 | 0.0 | 1.8 |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB LOCATION: LAKE SUPERIOR#7 SUBLOC: BB
 TOWNSHIP: - (BATCHAWANA BAY)
 DISTRICT: ALGOMA
 LAT/LONG: 4653/8430
 TISSUE: WHOLE FISH YEAR: 1978 SOURCE: MOE
 LIMIT: 2000 PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT | LIPID |
|---------|----|------|---------|-----|-------------|------|------|----------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| SMELT | 10 | 282 | 20 | 760 | 16.4 | 14.0 | 18.5 | 30 | 0.0 | 3.8 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX LOCATION: LAKE SUPERIOR#7 SUBLOC: BB
 TOWNSHIP: -
 DISTRICT: ALGOMA
 LAT/LONG: 4653/8430
 TISSUE: WHOLE FISH YEAR: 1978 SOURCE: MOE
 LIMIT: 100 PPB SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT | LIPID |
|---------|----|-------|---------|-----|-------------|------|------|----------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| SMELT | 10 | ND | ND | ND | 16.4 | 14.0 | 18.5 | 30 | 0.0 | 3.8 | |

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ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#7

TOWNSHIP: -

DISTRICT: ALGOMA

LAT/LONG: 4725/8510

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|------------|----|-------------|---------|------|-------------|------|------------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT * | 46 | 1144 | ND | 5600 | 69.1 | 34.3 | \$\$\$\$\$ | 2762 | 15.2 | 11.5 |
| CISCO | 29 | 930 | 260 | 2260 | 29.7 | 25.7 | 38.5 | 239 | 6.9 | 9.4 |

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | - | A | A | A | A | A | A |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SUPERIOR#7

TOWNSHIP: -

DISTRICT: ALGOMA

LAT/LONG: 4725/8510

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX MEAN | (PPB) | | LENGTH (CM) | | | WT. (GM) MEAN | %> LIMIT | MEAN % LIPID |
|----------|----|---------------|---------|-----|-------------|------|------------|------------------|-------------|-----------------|
| | | | MIN | MAX | MEAN | MIN | MAX | | | |
| L. TROUT | 46 | ND | ND | ND | 69.1 | 34.3 | \$\$\$\$\$ | 2762 | 0.0 | 11.5 |
| CISCO | 29 | ND | ND | ND | 29.7 | 25.7 | 38.5 | 239 | 0.0 | 9.4 |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#7

TOWNSHIP: -

DISTRICT: ALGOMA

LAT/LONG: 46 30/84 36

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB SEX: -

| SPECIES | N | PCB | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT | LIPID |
|----------|----|------|---------|------|-------------|------|------|----------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| L. TROUT | 57 | 470 | ND | 2000 | 52.5 | 27.5 | 90.3 | 1675 | 1.8 | 7.6 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SUPERIOR#7

TOWNSHIP: -

DISTRICT: ALGOMA

LAT/LONG: 46 30/84 36

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 100

PPB SEX: -

| SPECIES | N | MIREX | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % | LIMIT | LIPID |
|----------|----|-------|---------|-----|-------------|------|------|----------|-----------|-------|-------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | | |
| L. TROUT | 57 | ND | ND | ND | 52.5 | 27.5 | 90.3 | 1675 | 0.0 | 7.6 | |

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: PCB

LOCATION: LAKE SUPERIOR#7

TOWNSHIP: -

DISTRICT: ALGOMA

LAT/LONG: 4722/5500

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

LIMIT: 2000

PPB

SEX: -

| SPECIES | N | PCB | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID |
|---------|---|------|-----|---------|------|-------------|-----|------|----------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |

| | | | | | | | | | | | |
|----------|---|----|------|----|------|------|------|------|------|------|------|
| L. TROUT | * | 12 | 1260 | ND | 4040 | 73.4 | 60.0 | 87.0 | 4458 | 16.7 | 12.5 |
|----------|---|----|------|----|------|------|------|------|------|------|------|

* SIZE SPECIFIC CLASSIFICATION AVAILABLE

SIZE SPECIFIC CLASSIFICATION: PCB

| SPECIES | SIZE RANGE: (INCHES) | | | | | | | | | |
|----------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-----|
| | <6 | 6-8 | 8-10 | 10-12 | 12-14 | 14-18 | 18-22 | 22-26 | 26-30 | >30 |
| L. TROUT | - | - | - | - | - | - | A | A | A | B |

A PCB CONCENTRATION < 2000 PPB
 B PCB CONCENTRATION > 2000 PPB
 - PCB DATA NOT AVAILABLE FOR THIS SIZE

ONTARIO MINISTRY OF THE ENVIRONMENT

LABORATORY SERVICES BRANCH

POLLUTANT: MIREX

LOCATION: LAKE SUPERIOR#7

TOWNSHIP: -

DISTRICT: ALGOMA

LAT/LONG: 4722/5500

TISSUE: MUSCLE

YEAR: 1978

SOURCE: MOE

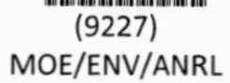
LIMIT: 100

PPB

SEX: -

| SPECIES | N | MIREX | | (PPB) | | LENGTH (CM) | | | WT. (GM) | %> MEAN % LIMIT LIPID |
|---------|---|-------|-----|---------|------|-------------|-----|------|----------|--------------------------|
| | | MEAN | MIN | MAX | MEAN | MIN | MAX | MEAN | | |

| | | | | | | | | | | |
|----------|----|----|----|----|------|------|------|------|-----|------|
| L. TROUT | 12 | ND | ND | ND | 73.4 | 60.0 | 87.0 | 4458 | 0.0 | 12.5 |
|----------|----|----|----|----|------|------|------|------|-----|------|



(9227)
MOE/ENV/ANRL

[illegible]

MOE/ENV/ANRL

Rees, G.A.

An inventory of data

on PCB and MIREX

anrl

levels in `ctx.c.1`

a aa